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Dept. of Agriculture.

# PARK'S FLORAL MAGAZINE

Volume XLII, No. 4.  
Established 1871.

APRIL, 1906.

5 Years 45 cents.  
1 Year 10 cents.

## THE FOUR BEST ROSES

**MAMAN COCHET**, pink, rosy pink with silvery shadings; very large pointed bud, immense open flower, exquisite in form and fragrance; splendid for beds, and unsurpassed for pots; certainly the queen of pink Tea Roses.

**MAMAN COCHET**, a sport from pink Maman Cochet, having all of its good qualities, but with white flowers; a charming white rose.

**HELEN GOULD**, intense carmine-crimson; buds long, flowers full double, borne in great abundance all the season; excellent for beds and fine for pots.

**ETOILE de LYON**, deep, golden yellow; buds and flowers of enormous size, freely produced; the best yellow rose for general cultivation.

You can make no mistake in buying these four choice Roses. Everybody should have them. All are perfectly hardy, healthy, vigorous, free-blooming and everblooming. All bear charming, pointed buds, which develop into enormous, faultless flowers, double, deep and full; exquisite in rich and lovely coloring; surpassingly beautiful in form and fragrance. They are the *cream of the cream* of all hardy everblooming Roses. If you grow but four plants they should be these Roses.



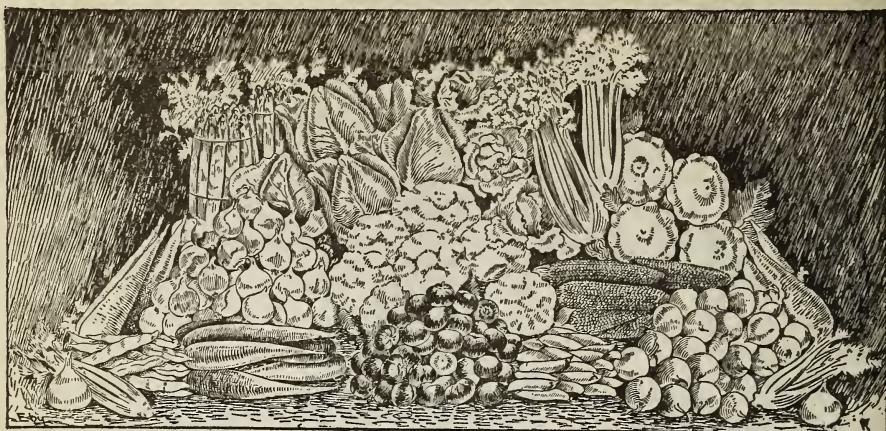
For 25 cents I will mail these four splendid Roses, guaranteeing their safe arrival.

### THESE FOUR ROSES FREE.

Order Three Dollars' worth of seeds selected from Floral Guide during this month (April 1906), and these four Roses, good strong plants, will be mailed you FREE. If you do not want so many seeds yourself get neighbors to club with you. Or, send 25 cents for the four Roses alone. You will make no mistake in getting these Roses. They should be at every home.

**GEO. W. PARK, Editor and Publisher,**  
**La Park, Lancaster Co., Pa.**





# Seeds of the Best Vegetables!

Enough for the Family Garden, Only 10 Cents.

The following collection embraces the best varieties of Vegetables for the family garden. It will be mailed to you (ten packets) for only 10 cents.

**Beet, Crimson Globe.**—A new variety of medium size, early, with dark leaves and dark crimson flesh, very tender, rich, sweet and delicious; absolutely free from woody, stringy substance, keeps well, and is fine for either summer or winter use. Per oz. 5 cents,  $\frac{1}{4}$  lb 12 cents, 1 lb 35 cents.

**Cabbage, Select Early Jersey Wakefield.**—This is the earliest Cabbage in cultivation, and the strain offered bears heads almost twice the size of the common Wakefield Cabbage, while it is short-stemmed, very solid, and can be used throughout the season. It is sure to head, and is sweet, crisp and delicious, either raw or cooked. Per oz. 12 cents,  $\frac{1}{4}$  lb 40 cents, 1 lb \$1.50.

**Cabbage, Excelsior Late Flat Dutch.**—For the main crop this is the best of all varieties of Cabbage. Every plant forms an immense solid head, sweet, crisp, tender, does not often burst, and keeps well throughout winter. It can truly be called Excelsior, as there is no other late variety that can excel it in any respect. Per oz. 12 cents,  $\frac{1}{4}$  lb 40 cents, 1 lb \$1.50.

**Cucumber, Early White Spine.**—A standard variety, with vigorous, healthy vines, bearing an abundance of large, even-shaped fruit, and unsurpassed for either slicing or pickling. It is without a doubt the finest Cucumber in cultivation. The seeds offered of this improved Cucumber are fresh, and can be depended on for a large crop. Per oz. 15 cents,  $\frac{1}{4}$  lb 50 cents.

**Lettuce, New York.**—A choice sort, robust, of quick growth, forms immense heads, 15 or more inches across, outside yellowish green, inside creamy white, crisp, tender, free from bitterness, and always delicious; resists hot weather well, and does not run to seed. Oz. 8 cents,  $\frac{1}{4}$  lb 25 cents.

**Onion, Australian Brown.**—This is a superior Onion, that matures early, yielding large, solid, mild-flavored bulbs that keep well until Onions come again. It produces large bulbs from seeds the first season when sown early, thinned and cultivated. Oz. 10 cents,  $\frac{1}{4}$  lb 35 cents, 1 lb \$1.25.

**Parsnip, Improved Guernsey.**—Really the best of all Parsnips. The roots quickly grow to large size, are of fine form, and when cooked are tender, sweet and delicious. Can be left in the bed till spring. Per pkt. 8 cents, oz. 8 cents,  $\frac{1}{4}$  lb 20 cents, 1 lb 50 cents.

**Radish, Choice Mixture.**—For the family garden a mixture of early, medium and late sorts is most satisfactory, as the Radish bed will thus supply the table throughout the season. I offer a first-class mixture of the best sorts, that will be sure to please. Oz. 5 cts,  $\frac{1}{4}$  lb 15 cts, 1 lb 50 cts.

**Tomato, Improved Beauty.**—A very early Tomato, large, smooth and solid, borne in fine clusters, sweet and rich flavor. Does not wrinkle, rot or crack, as many early Tomatoes do. Fine for either slicing or canning. Unsurpassed for the family garden. Oz. 15 cts,  $\frac{1}{4}$  lb 50 cts, 1 lb \$1.50.

**Turnip, Purple-top White Globe.**—This new variety surpasses all others in quality, productiveness, and long keeping. Its growth is quick, and the flesh is white, crisp, tender and sweet; excelling all other varieties for table use. For feeding stock it is of great value. Oz. 5 cts,  $\frac{1}{4}$  lb 15 cts.

Only 10 cents for the above ten packets, enough to plant your Vegetable garden. Ask your friends to send with you. For a club of three (30 cts.) I will send the following:

**Bean, Improved Red Valentine.**—The earliest, hardest, most productive stringless bush or snap Bean, free from rust, and bearing till frost, by successive plantings. Pods large, in big clusters, tender and of fine flavor when cooked. Valuable for market as well as family use. 2 oz. pkt. 5 cts,  $\frac{1}{2}$  pint 10 cts, pint 20 cts, qt. 35 cts, mailed. Peck \$1.50, bushel \$5.00 expressed, not prepaid.

**Corn, Country Gentleman.**—This is one of the finest varieties of Corn in cultivation, of delicious flavor, tender, very sweet and remaining useful for a long time. It is medium early and very productive; every stalk bearing from two to four ears. The ears are of good size, and well filled with pearly-white grains of great depth. 2 oz. 5 cents,  $\frac{1}{4}$  pint 12 cents, 1 pint 20 cents, 1 quart 35 cents.

**Pea, Bliss Everbearing.**—The most delicious of all Peas, while the vines do well in any good soil and are wonderfully productive. The pods are very large, and the Peas green, wrinkled, sweet and tender. This Pea is of surpassing quality, and should be grown in every garden. 2 oz. pkt. 5 cts,  $\frac{1}{2}$  pt. 10 cts., 1 pt. 18 cts., 1 qt. 35 cts., mailed. Peck \$1.50, bushel \$5.00 by express, not prepaid.

These three, 1 pkt. each, mailed for 12 cents, or free to anyone sending 30 cents for three collections above offered. Address  
**GEORGE W. PARK, LaPark, Lanc. Co., Pa.**

Mr. Park:—I always have good success with your Vegetable seeds especially your Beets and Radishes. They are fine. I am much pleased with all of your seeds, also your Magazine.—Mrs. Daisy Fuller, Fairfield Co., Conn., Nov. 17, 1905.



# A FEW CHOICE FLOWER SEEDS.

Price, per Packet, 3 Cents, the 70 Packets, only \$1.75.

**Acacia** lophantha, the beautiful Fern Tree. Makes a grand window plant in one season.

**Ageratum**, new large-flowered dwarf sorts, mixed; fine for beds or pots.

**Alonsoa**, lovely, free-blooming, bright-colored annuals for pots or beds; best sorts mixed.

**Alyssum**, Sweet, Ounce 25 cents.

**Antirrhinum**, (Snapdragon), new semi-dwarf, large-flowered, fragrant varieties; fine for garden or house; special mixture.

**Aster**, Double, Complete mixture, all varieties.

**Aster**, Park's Yellow Quilled, the best yellow Aster; two feet high; lovely quilled flowers.

**Aster**, New Victoria, splendid large flowers, very double, finely imbricated petals, all colors mixed.

**Aster**, New Marvel, globe-flowered, double, white with a distinct blood red centre.

**Aster**, Ostrich-feather, enormous flowers with twisted petals, like a Japanese Chrysanthemum; all colors mixed.

**Balsam**, Improved Rose-flowered, as double as a Rose and of all shades as well as spotted; mixed.

**Broccollia**, New Giant, elegant large blue flowers in profusion, splendid pot plant.

**Bellis**, Giant Double Daisy, charming hardy edging; also fine for pots; white, rose, crimson; finest mixed.

**Calliopis**, New Compact, very floriferous, crimson, gold, marbled, etc., mixed.

**Candytuft**, special mixture, all varieties.

**Cannus**, New Gladiolus-flowered; Crozy's finest mixed; unsurpassed.

**Capiscum**, Ornamental Peppers, finest mixture of all shapes, sizes and colors; fine garden and pot plants; mixed.

**Carnations**, Hybrid early-flowering, very large double, fragrant flowers of all shades from white to dark crimson, also striped and marked; bloom the first season; hardy, mixed.

**Celostia**, Giant Dwarf Cocombe, crimson, rose and orange in shades, mixed; saved from finest combs.

**Celostia**, Feathered, the new plume-flowered sorts in all colors; splendid.

**Cosmos**, Early-flowering, superb fall flowers, white, rose, crimson and yellow mixed.

**Dahlia**, Double and Single, finest mixture of all colors, as easily raised as Zinnias.

**Dianthus** Chinensis, lovely Pinks blooming the first season; all colors and markings in finest mixture.

**Diascia** Barbery, the new annual. Pretty African.

**Eschscholtzia**, California Poppy, all colors mixed.

**Gaillardia** grandiflora, new compact, a superb summer bedding hardy perennial; flowers showy and continuously produced all the season; mixed.

**Helianthus**, Sunflower, double and single, mixed.

**Hibiscus**, new Giant Primrose, splendid perennial blooming first season; grows six to ten feet high, bearing enormous golden Hollyhock-like flowers.

**Lobelia**, New Perpetual Blue, very showy basket and edging plant; flowers large, intense blue with white eye. Can also supply Lobelia in mixture.

**Malva** crispa, Crinkle-leaved Mallow, 10 feet high.

**Marigold**, French and African, double sorts, all colors in splendid mixture.

**Mignonne**, Sweet, new, richly scented varieties, white, red, yellow, finest mixture.

**Mignonne**, common, excellent for bee pasture, ounce, 10 cents; pound, \$1.25.

**Mitulus**, Large, Gloriosa-flowered, tigris varieties, mostly shades of yellow, orange and white and red, spotted, mixed.

**Mirabilis**, Four-o'clock, special mixture of new, dwarf, spotted-leaved, all colors.

**Myosotis**, Forget-me-not, special mixture of the new, large-flowered, early varieties, all colors.

**Nemesia** strumosa, new colors, large-flowered, showy and beautiful, mixed.

**Nicotiana** Sandera, the Sander's superb New Star Flower, open day and night; elegant for pots or beds; very profuse blooming, white to carmine and exceedingly beautiful. Everybody should have this novelty; mixed; 3 pkts. 25 cts., 1 pkt. 10 cts.

**Nicotiana** affinis, the Jasmine-scented white Star Flower; very handsome.

**Nigella** Damascena, Love in a Mist, mixed colors.

**Oenothera**, Evening Primrose, large-flowered golden yellow; fine mixed.

**Poppy**, a superb mixture of Carnation-flowered, Ranunculus-flowered, Peony-flowered, Shirley and Tulip Poppy in all colors.

**Pansy**, Superb Large-flowered, complete mixture of all colors; plants vigorous and bushy; flowers of enormous size, fragrant and exquisitely marked.

**Park's Star Flower**, a grand semi-tropical bedding and pot plant; grows six to ten feet high, with enormous leaves and great heads of fragrant flowers all summer. Easily grown.

**Petunia**, Choicest Bedding, special mixture of the finest old and new varieties.

**Phlox** Drummondii, Hortensiaeflora, the new, free-blooming, compact variety; splendid for beds, also for pots; all the fine colors in mixture.

**Portulaca**, Double and Single in fine mixture, all colors from white to rich crimson, some superbly marked and striped; mixed.

**Ricinus**, New Giant and other sorts mixed.

**Salpiglossis**, new large-flowered, finest mixed.

**Salvia**, large early-flowered kinds; complete mixture.

**Scabiosa**, Mourning Bride, giant double-flowered, white, rose, lilac, scarlet, black, blue, etc., in best mixture.

**Schizanthus**, Butterfly Flower, Orchid-like blooms in great profusion; many colors, all richly marked; finest mixture.

**Ten Weeks' Stock**, New Giant Excelsior, the earliest blooming of Stocks; spikes of large, rose-like, deliciously scented flowers in many bright colors; mixed.

**Tropeolum** (Nasturtium), Tom Thumb, dwarf, splendid for bedding or for pots; very rich colors, free-blooming all summer; finest mixed. Oz. 15c.

**Viola**, Tufted Pansy, finest mixture of all colors from white to deep purple, many variegated; first-class for beds; hardy, mixed.

**Verbena**, Mammoth-flowered, superb mixture; very large, sweet-scented flowers in large clusters; showy in beds; all the fine colors.

**Wallflower**, New Parisian, a grand sort; large, showy flower clusters, deliciously scented; blooms the first season.

**Zinnia**, New Mammoth, in splendid mixture of all colors; flowers almost as large and showy as Dahlias, covering the plant with a mass of bloom the entire season.

**Everlastings**—Acroclium, mixed; Ammobium alatum, Gomphrena, mixed; Helipterum sanfordii; Helichrysum monstrosum, mixed; Rhodanthe, mixed; Gypsophila, mixed; Xeranthemum, mixed. I can supply separate packets of all of these.

## ORNAMENTAL CLIMBERS.

**Cardiospermum** (Love in a Puff), in variety, mixed.

**Cypress Vine**, white, rose and scarlet, mixed.

**Cobaea Scandens**, lovely purple bells; climbs 30 ft.

**Dolicho**, Hyacinth Bean, superb mixture, all sorts.

**Gourds and Cucumbers**, grand special mixture.

**Gourd**, Nest Egg, ornamental in growth; fruit useful for nest eggs in winter.

**Humulus**, Variegated Hop, splendid vine.

**Ipomoea**, finest mixture of all varieties.

**Morning Glory**, Japanese, in finest mixture.

**Mauwandya**, charming vine, all colors in mixture.

**Sweet Peas**, Park's large-flowered, best new mixture; lb. 50 cts., ¼ lb. 15 cts., oz. 5 cts.

**Thunbergia alata**, a splendid trellis vine; special mixture of all colors.

**Tropeolum**, Nasturtium, giant climbing, large-flowered, best mixture of all colors; lb. 60 cents, ¼ lb. 20 cents, oz. 5.

For seeds of other annuals and climbers, also for seeds of Biennials and Perennials, and for the Window Garden, see Park's Floral Guide.

One packet of any one kind, (Nicotiana Sandera excepted), 3 cents, 4 packets of one kind 10 cents, or the entire collection above described, including mixed Everlastings, and Nicotiana Sandera, also cultural directions, 70 pkts, for only \$1.75. The seeds are all first-class, and of the best vitality and quality. For engravings and fuller descriptions see **Park's Floral Guide for 1906**, cheerfully mailed to prospective patrons. Order early. Please remit small sums in one-cent postage stamps.

Address **GEO. W. PARK, LaPark Lancaster Co., Pa.**





## A GRAND PREMIUM

That all who love and cultivate flowers may become acquainted with **Park's Floral Magazine**, a practical, illustrated monthly, devoted entirely to flowers, I will mail these **10 packets** choicest seeds with **Magazine** one year for **only 15 cents**.



PLUME CELOSIA.



SCHIZANTHUS.

iegations. The plants will bloom all summer and autumn if not allowed to form seeds. Sow early and furnish support. The flowers are beautiful as well as fragrant, and are lovely for cutting as well as for a garden display.

These seeds are fresh and of the finest quality. There are none better. They are packed in elegant chromo-lithographed envelopes, by steam-power packing machines, and a collection of them with the **Magazine** will make a lovely present to a flower-loving friend. The seeds will be enough for a whole flower-garden of rich bloom. Cultural directions go with every package. Tell your friends about this offer and write at once. All persons, whether new or old subscribers, may take advantage of this offer.

**Park's Floral Guide**, a handsome illustrated annual accompanies the above seed collection. It is full of truthful descriptions and cultural hints and suggestions.

**GET UP A CLUB.**—Any one of the following sent for a club of two, or all for a club of twelve:

Aster, Queen of the Earlies mixed.  
Balsam, Improved Camellia-flowered, mixed.  
Candytuft, splendid annual, superb sorts, mixed.  
Carnation, Margaret, double, superb, very fragrant.  
Complete Mixture, 1000 sorts, new and old special mixture.  
Lobelia, New Perpetual flowering, rich blue, fine.

Mignonette, Giant red, a grand sort, deliciously scented.  
Nasturtium, Climbing, mixed, including new sorts.  
Petunia, Double, New Fairy, fine for pots and beds.  
Pink, New Cyclops, choice single varieties.  
Poppy, French Ranunculus-flowered, mixed.  
Snapdragon, new and old, splendid mixture.

**Watches as Premiums.**—For a larger club I offer watches, as follows: For a club of 16 subscribers at 15 cents (\$2.40) I will mail a watch suitable for a boy or for the kitchen or bed-room. For a club of 35 names at 15 cents each (\$5.25) I will mail a beautiful gold-filled watch suitable for a lady or gentleman. For a club of 75 subscribers (\$11.25) I will mail a fine, heavy gold-filled watch with excellent works, and that will wear like gold for 20 years. Such a watch would cost \$20.00 if bought of a retail Jeweler. Send for blanks, samples and an agents full outfit. Address

**GEO. W. PARK, LaPark, Lancaster Co., Pa.**



# PARK'S FLORAL MAGAZINE

A MONTHLY JOURNAL OF FLORICULTURE

Vol. XLII.

April, 1906.

No. 4.

## APRIL.

Kind little April, grow your flowers,  
Beckon the song birds here,  
Turn your back upon cloudy hours,  
And give us a smile, my dear.

Wash. Co., Vt. Florence Josephine Boyce.

## ABOUT DOUBLE-FLOWERING STOCKS.

**T**HE Early Double-flowering Ten Weeks' Stock in its many varieties is one of the most beautiful and desirable

of our garden annuals. The plants are bushy and thrifty in growth, begin to bloom early in the season, and continue to bear flowers until after severe frosts, the blooming plants having very much the appearance indicated in the engraving. The flowers are perfectly double, and of many shades, some being dull brown or ash color, but the more desirable being pure white, carmine, rose, crimson, purple and blue. Their fragrance is delicious, and a group of plants well-grown not only makes a fine garden display, but perfumes the whole garden.

The plants are readily started from seeds, and should be transplanted with care during a damp, cloudy day. Set a foot apart in rich, deep soil and well cultivated, they make a beautiful hedge or bed which never fails to call

forth the admiration of those who see it. They thrive in a sunny situation, and are often much benefited by applications of liquid manure or a mulch of stable litter.

In the culture of this annual it is all-important to get carefully-grown seeds. Plants from ordinary seeds bear insignificant single flowers. At Erfurt, Germany, and in some parts of France there are specialists who make the growing of choice seeds of this flower a business.

We are told that "The Erfurt gardeners cultivate the flowers in pots and place them in shelves, in large greenhouses, giving them only sufficient water to prevent them from dying. So cultivated the plants become weakened, the pods shortened, and the seeds less numerous and better ripened; and these seeds give from sixty to seventy per cent of double flowers. The seeds from these plants are mostly of an abnormal shape, which is so striking that experienced cultivators are able to separate those that will bear double flowers from those producing single ones."

A French grower, who claims that his seeds will produce eighty per cent. of double flowers, describes his method of getting the seeds as follows:

"When my seeds have been chosen with care, I plant them in April, in good, dry mould, in a position exposed to the morning sun, this position being the most favorable. At the time of flowering I nip off some of the flowering branches, and leave only ten or twelve pods on the secondary branches, taking care to remove all the small, weak branches which shoot at this time. I leave none but the principle and secondary branches to bear the pods. All the sap is em-



PLANT OF TEN WEEKS' STOCK.

ployed in nourishing the seeds thus borne, with a result of eighty per cent. of double flowers. The pods under this management are thicker, and their maturation more perfect. At the time of extracting the seeds, the upper portion of the pod is separated and placed aside, because it has been ascertained that the plants coming from the seeds situated in this portion of the pod gives eighty per cent. of single flowers. They yield, however, greater variety than the others. This plan of suppressing that part of the pod which yields single flowers in the largest proportion, greatly facilitates the recognition of the single-flowered plants. To separate single from double-flowered plants when small note that the former have deep green leaves rounded at the top, the heart being in the form of a shuttle cock, and the plant stout and thick set in its general aspect. The plants yielding double flowers have very long leaves of a light green color, hairy, and curled at the edges, the heart consisting of whitish leaves, curved so that they completely enclose it."

The beauty and utility of the early Double-flowering Ten Weeks' Stock, together with the ease with which the plants may be grown should be generally recognized, and insure their popularity in amateurs' gardens.

**Brugmansia Suaveoleus.**—This shrub-like plant is becoming popular, and it well deserves its popularity. It will grow from five to ten feet high, branching, and producing masses of its immense, drooping, fragrant flowers, a new crop coming repeatedly during the summer season. Propagation from seeds is rarely successful, but cuttings of the half-ripened wood strike roots without difficulty, and the plants grow and bloom well in any moist, rich soil, when bedded out in a sunny exposure. In preparing the soil add an abundance of well-rotted manure and thoroughly incorporate it. Water copiously in dry weather. The plants are easily established when transplanted, and are generally satisfactory under ordinary treatment.

**Propagating Shrubs.**—It is generally best to start shrubs from seeds. The seeds germinate slowly, mostly, but the seedling plants are always thrifty and healthy. Snowball bears no seeds, and must be started either from cuttings or layers, the latter being the most reliable. The cuttings should be taken with a heel, as they are not as easily started as many other shrubs. Altheas strike readily from cuttings taken of half-ripened wood, but the young plants mostly need some protection the first winter in a cold climate. After well-established they are perfectly hardy.

**Aster Blight.**—Aster plants are sometimes attacked by a blight about the time the buds begin to develop. It appears upon the foliage in the form of red spots that soon turn brown, ruining the beauty of the foliage, as well as the buds. As soon as the disease shows remove the affected leaves and dust the plants with fresh-slacked lime and flowers of sulphur, equal parts, the material being placed in a coarse sack and shaken over the plants, to distribute the dust evenly and thinly upon the foliage.

## Park's Floral Magazine.

*A Monthly. Entirely Floral.*

**Geo. W. Park, Editor and Publisher.**  
LAPARK, LANCASTER CO., PA.

**CIRCULATION.**—The actual circulation proven when required, is 400,000 copies monthly. No free distribution to promiscuous lists of names. Advertising offices 713-718 Temple Court, New York City, N. Y., The C. E. Ellis Company, Managers, to whom all communications about advertising should be addressed.

**SUBSCRIPTION PRICE,** 45 cents for five years, prepaid. Single subscriptions per year, 10 cents. On fine paper 25 cts.

**THE EDITOR** invites correspondence with all who love and cultivate flowers.

APRIL, 1906.

### Circulation Bulletin.

*Number of copies printed of Park's Floral Magazine, as indicated by press counters, for March, 405,250.*

*Number of copies mailed of Park's Floral Magazine, as indicated by Postoffice receipts, for March, 402,367.*



**Maman Cochet Roses.**—Both white and pink Cochet (Ko-sha) Roses are hardy where the mercury drops 20 degrees below zero, if given a protected place, or if slightly sheltered from severe cold and wind. As a rule the cold winds do more injury than the frost. In cold climates it is well to protect all Roses by banking coal ashes around the stems in the fall, to be removed in the spring after freezing weather is past, at which time frosted branches can be cut away.

**Hybrid Tea Roses.**—Following is a selection of choice Hybrid Tea Roses, all of which are everblooming, hardy and beautiful: white, Kaiserin Augusta Victoria; pink, LaFrance; flesh, Mrs. Jno. Laing; crimson, Helen Gould; soft rose, Lady Battersea; yellow, Franz Deegen. These are all Roses of more than ordinary merit, and deserve a place in every collection.

**Fairy Roses.**—These come from seeds, blooming in a few months after the seeds are sown. They are generally regarded as an interesting novelty, rather than a practical decorative plant. Rosa Multiflora, the tall-growing kind, is often sold for dwarf or Fairy Rose, and is disappointing to those who receive the seeds, as the plants rarely bloom till several years old.



## GAILLARDIA GRANDIFLORA.

THE annual *Gaillardia picta* is mostly a shy-blooming plant, showing an abundance of foliage, but only a few flowers, and is consequently not of sufficient merit to become a popular favorite. This estimate of the annual species by under comparison has affected detrimentally the



perennial sort, known as *Gaillardia grandiflora*, which is really one of the most beautiful, showy and desirable of garden flowers, and one that should be generally

cultivated either in groups or beds. The seeds germinate readily, and if started early the plants will begin to bloom towards mid-summer, and become more showy until after severe frosts in autumn. And still better, the plants are entirely hardy, starting up in the spring and blooming again before the annual varieties have become fairly established, and making a glorious display throughout the entire season. It is one of the best bedding perennials in cultivation. The flowers last well, and are always bright and attractive, usually showing a contrast of red and yellow, borne on long stems well above the foliage, and swaying gracefully in the breeze. Set eight or ten inches apart in a bed and the flowers freely cut as they begin to fade the display will be all that could be desired. Having long, deep roots the plants do not mind an ordinary drouth, and the flowers will retain their brightness and beauty under adverse conditions better than almost any other bedding flower. Once established a bed of *Gaillardia grandiflora* will last for years, and needs only to have the grass kept out and a dressing of manure given it once a year.

A correspondent who sends a specimen of this flower writes as follows concerning it:

Mr. Editor:—I enclose a pressed flower of a plant that has given me great pleasure for two or three months. As you will see, the flowers are very bright, and everybody who has seen the blooming plant has admired it. I have taken it up and have it in the house. It is now covered with buds and flowers, held on long stems a foot above the ground. I got the seed in a mixed package, and this is the only plant of the kind I have. Please tell me its name through the *Floral Magazine*, which I have been taking for two years, and am much pleased with.—Mrs. J. Famley, Payne Co., Okl., Oct. 25, 1905.

Those who get seeds of *Gaillardia grandiflora* this season and establish a bed of plants will feel thankful that their attention was called to the merits of this useful flower in the remarks here given

**Fairy Lily.**—*Amaryllis Treatae* is commonly known as Fairy Lily. It mostly blooms well in summer either in pots or bedded out in a rather sunny place. It is of the easiest culture.

## ANTIGONON LEPTOPUS.

THIS is an elegant vine for covering a wall, trellis or summer house. It is of free growth, very graceful in habit and bears a profusion of charming pink flowers



on tendril-like racemes. The plants are easily started from seeds, and the tuberous root can be dried off in the autumn and kept in a frost-proof place during winter, then started again in

the spring. It is a native of Guatamala, Jamaica and Mexico, and is entirely hardy in Florida and other mild Southern States. The engraving shows a little cluster of the flowers.

**Crotons.**—The Book of Gardening says of these rather tender plants:

"The beautiful variegated leaves of various bright colors, and the distinct characters of growth and foliage of these tropical evergreen shrubs place them among the most useful and attractive plants grown for exhibition and general decorative purposes. Propagate by cuttings in a brisk bottom heat under a bell-glass, and grow on in three parts loam, one part each peat and leaf-mould, and a little silver sand. The pots may either be plunged in a hot-bed or stood on shelves or stages in a light position as near the glass as convenient, as plenty of light is required to bring out their full coloring. Syringe frequently and water liberally when well-rooted and growing, but not quite so freely during the winter."

**Yucca Seedlings.**—Sow seeds of *Yucca* in the open ground about the time the apple trees are in bloom, and do not disturb them. They push down a long tap root, and if left undisturbed will usually winter well. If started in a box it is well to keep the box in a protected place the following winter, and set out the plants in the spring. They germinate well, and are of easy culture.

**Lime for Aphis.**—A correspondent recommends the use of slacked lime applied in powder form as a remedy for Aphis. She writes,

Mr. Editor:—If any are bothered with Aphis they should try lime. Slack with as little water as possible, then dry and sift and use it dry on the infested plant or bush. Air-slacked lime is not strong enough, but prepared as suggested I have found lime an effectual remedy.—K. J. S. Iowa, Jan. 26, 1906.

**Hardy Plants.**—Snapdragons, Delphiniums, Japan Pinks, Pansies, Daisies, Callirhoe involucrata, *Gaillardia grandiflora* and *Coreopsis maxima* are all hardy ever-blooming perennials that should do as well as Marguerite Carnations. They deserve a trial.

## MINA LOBATA.

THE possibilities of *Mina lobata* are not known, and the plant should be given a trial. It grows rapidly, and in autumn will bloom profusely in a sunny place, as the south side of a wall or building. The seeds start as easily as those of the Cypress Vine, and the racemes of showy scarlet bloom are so freely borne that a well-grown plant will excite much admiration. Start the plants in the house and set them out when the weather becomes warm enough. This vine is rare, as yet, but it will doubtless become a favorite when better known. Don't fail to add this to your order.



**Cotton Seed.**—Cotton plants are easily grown from seeds, and will bloom and fruit at the north if started early, in a window box, and transplanted to a sunny border when the weather becomes warm. There is a great difference in the varieties. Some bloom and bear much more freely than others. The improved, free-blooming sorts are much more showy as ornamental plants, as well as more profitable for field planting. When compared it seems strange that the old sparse-blooming varieties are not discarded and the improved ones substituted.

**Layering Snowballs.**—The best way to start the old-fashioned double Snowball is by layering a branch in the spring. Bend a young branch or sprout over, make a sloping cut half way through on the under side, six or eight inches from the tip, make a little trench, and bury the branch four inches beneath the soil where the cut is made, allowing the tip to protrude above the surface. By fall you will find roots formed at the cut part, and the next spring the young plant can be detached, and established as a separate bush.

**Pæonies.**—Non-blooming Pæonies should be given a top dressing of phosphate or bone dust, raking after applied to incorporate it with the soil. If this does not promote the development of the flowers remove the plants to another situation. They usually do well in a deep, rich tenacious soil with good drainage.

**Lime.**—When soil shows a green moss or mould over the surface apply fresh slacked lime sparingly and work it well in. Also, soil that seems stagnant and sour is made active and sweet by this means.

## THE CLUSTERED MORNING GLORY.

THE free-blooming habit of the Clustered Morning Glory is such that it surpasses in gorgeous display all other vines belonging to the Morning Glory tribe. Sow the seeds in a box early, and as soon as large enough transplant them to three-inch pots of rich, porous soil. Keep them in an even, rather warm temperature, and encourage their growth till the ground is warm, then bed them in a warm, sunny place where they can ramble and bloom. Provide ample support, and you will soon be rewarded by the great clusters of showy bloom. Every evening, after the flowers close, snip them off with a pair of shears. This will promote the development of other buds, and the beauty of the plant. The flowers open continuously until late in autumn, the plant increasing in beauty till cut down by frost. Unlike many other Morning Glories, the flowers stand out from the foliage, and are always attractive. It is, perhaps, the most glorious and beautiful annual vine in cultivation. Properly cared for it will not prove disappointing.

**The California Violet.**—What is known as the California Violet is a robust-growing, free-flowering species, the flowers large, rich blue, well borne above the foliage, and very fragrant. It is not so early as the Marie Louise and Lady Helen Campbell, double varieties that are



very popular among florists; but the flowers are more distinct and graceful, the color brighter, and they are held aloft on their stems, rather than drooping or hiding, as are the flowers of the double sorts. When given plenty of root room in a rich, tenacious soil, and a cool, moist temperature, the plants of the California Violet will bloom as freely and as well in the house as those of any other variety. It is well worthy of cultivation.

**New Race of Narcissus.**—A new race of Narcissus has just been reported from France, the origin of which is credited to Holland. It is known as *N. Poetaz*, and is the result of a cross between *N. Tazetta* and *N. Poetarum*. The plants are of robust habit, the flower stems often reaching three feet in height, and the flowers, mostly white and yellow, come in clusters at the summit. Named varieties of this new race have recently been illustrated and described in the *REVUE HORTICOLE*, and will doubtless be introduced as soon as sufficient stock can be obtained for that purpose.





## BOUVARDIA.

**I**F WANTED for summer and fall flowering Bouvardias should have their rest during the winter months, but if wanted for winter blooming, from December until May, they should rest during the summer. These are among the most important winter-flowering plants, but are not so well known as they should be, as they are desirable for their beauty as cut flowers, and for their exquisite fragrance. Humboldtii has been my favorite for years, as none of the other flowers seem of such pure, waxy whiteness and delicious sweetness as these.

Through the summer months they are scentless during the day and shed their fragrance only at night, but when cooler weather sets in they are fragrant during most of the day. The long, starry tubular flowers of Humboldtii sometimes measure three inches, and this is the largest of all Bouvardias. There are about ten varieties of the Bouvardia catalogued, in colors of white, pink and scarlet, double and single. About one in a dozen slips roots well; place under glass tumblers, in sand. The tumbler or jar must be tightly turned over them to exclude all air, and the sand must be kept constantly moist. Plants grow rapidly, and soon begin blooming.

Lincoln Co., Ky.

Laura Jones.

[NOTE.—Bouvardias are easily propagated from pieces of root.—Ed.]

**Tuberous Begonias.**—Three years ago I got a packet of seeds of Tuberous Begonia and planted. A lot came up, but I only saved one plant. It did not bloom the first year, but the second year it had such beautiful, large, pink flowers that I wanted more of them. Last spring I got a dozen tubers, and they have been a seven days wonder to all who have seen them: Some were so large, I measured one that was six by four inches, and others were so double. My seedling that was single last year was just as double as could be. They will have double and single flowers on one plant at the same time.

Mrs. R. Reed.

Fayette Co., Iowa, Oct. 26, 1905.

**Begonias.**—I had them in an east window, where they got the sun till nearly eleven. Every few nights I set the crocks in a shallow tub of water and left them until the roots (not tops) were thoroughly soaked. Of course my crocks were well-drained. They grew into strong plants just loaded with bloom.

M. M. Tate.

McDowell Co., N. C.

## A BEAUTIFUL POT PLANT.

**T**HE Cayenne Pepper is of two kinds. One has pods about an inch long; the other has round pods the size of a Sweet Pea seed. The round podded sort is called the Birds's-Eye, and is the prettier of the two. The plants grow in a symmetrical shape, just like a little tree. The foliage is dark green, rich and entirely free from insects. The flowers are starry white and in clusters. The white flowers, green, and red peppers are all on the tree at one time, and that one time is all the year. One Cayenne Pepper plant will yield a gallon of red pods in twelve months. As the term applies to house plants it is hardy, just so it does not freeze, it will pass the winter safely. One plant will last and be prolific for three or four years. The Cayenne Pepper is more attractive in appearance, more hardy and long-lived than the majority of more generally adopted pot plants. It is easily grown from seeds.

Orleans Co., La.

G. T. D.

**Pandanus Utilis.**—The well known Screw Pine—so called from the screw-like arrangement of the leaves around the stalk—leaves, green, with small red spines along the edge, is an effective, decorative plant, and of easy growth; needs rich sandy loam, well drained; does not require as much water as the Palms; they are seldom troubled by insects and grow with little care into beautiful specimens, thriving in partial sunshine. I prize it highly for room decoration.

Marion Co., Ill.

Jennie Spencer.

**Flower Pots.**—The best color for pots is pure white, as all kinds of foliage and flowers look well against a white ground. Tall growing plants are greatly improved by planting Egyptian moss in the pot so as to cover the soil; it makes the plants thrive better and keeps the soil porous too. Any kind of pot creeper would do, but this is the prettiest of all.

Julian J. Matheson.

Marlboro Co., S. C.

**Streptocarpus.**—Every flower-lover should know what a lovely pot plant the Streptocarpus makes. Plants grown from seeds will begin to bloom in a few months, and continue to delight the eye with a succession of beautiful flowers. These with plants of Gloxinia and Cyclamen, formed a charming window display last winter.

Henrico Co., Va.

Annie Smith.

**Hot Water Plants.**—My Callas and Leopard plants I call my hot water plants, as they are so fond of this beverage. I pot the Callas with a half pound or so of lime near the bottom of the jar, and then plenty of cow-manure. How they do grow and bloom. Umbrella plants profit by this same treatment.

Mabele Livingston.

Rice Co., Minn., Nov. 27, 1905.

## GROWING CHRYSANTHEMUMS IN POTS.

## ISMENE.

**G**ET fine healthy plants from your florist by the middle of March or later.

When you receive your plants stand them in water for a few minutes, and then pot them in three-inch pots using rather poor soil. When the young plants have grown a few inches top them. This will cause them to send out several shoots. It is well not to top them too much, twice is enough, I only top most of mine once. If they do not send out enough shoots after the first topping, you can top them again. After June fifteenth no more topping should be done, as the plants should then be ready for the flowering pots. These should be seven, or eight inches in diameter. The soil for these pots should be very rich. If it is heavy a little sand may be used. Wash the pots thoroughly before you put your plants in them. Never let the plants want for water. Plunge your Mums in some sunny place in the garden. The best way to do this is to dig a trench the depth of the pots, put a board in the bottom of it, on this set your plants, filling the soil around them again. Have the plants at least two feet apart each way. Give your plants close attention, remove all side shoots, and give plenty of water at all times. All suckers from the root should be cut out. Give the plants a good sprinkling every night. You should begin to feed your plants about the middle of September. The best thing for this purpose is cow-manure. Begin with it weak, and as the plants get used to it, gradually make it stronger, but be careful not to get it too strong. It should be given twice a week at first, and after a while three times a week. This may be kept up till the flowers are nearly open. At the first indications of frost, lift your plants, and wash the pots. Remove to greenhouse or window. Keep the plants as cool as possible, if kept in a warm place the flowers will not last so long. The flowers keep in perfect condition a long time in a cool place. Keep chopped tobacco stems around the plants to keep the green and black flies away. If large flowers are wanted disbudding will have to be done. This consists of removing all the buds on each shoot but one, retaining the crown bud which is often the strongest.

L. Ahmes.  
Kings Co., N. Y.

**Christmas Cactus.**—Our Christmas Cactus has done so well this year. It is a three year old plant, has had blossoms since the middle of December, and is still blooming, (February.) At Christmas time it had seventy-five buds and blossoms. It was indeed a thing of beauty, and it was greatly admired by all who saw it.

O. M. Cogswell.

Wayne Co., N. Y.

**A** FRIEND gave me five bulbs of Ismene six years ago, now I have about one hundred and fifty blooming size. They are a very pretty, pure white, bell-shaped Lily, large in size, and as many as nine blossoms on a stem. These open soon after planting it in the spring. The bulbs must not be planted until after they have sprouted. I can always see the bud before I plant them. I pot the bulbs when sprouted, in good soil. When done blooming I remove them and plant in the garden to develop the bulbs as large as I can. I leave them in the garden till frost appears, then I take them up, let them dry off, and remove the tops. When perfectly dry I pack them in boxes, and keep them in a dry frost-proof place until planting time.

Sallie M. Heidler.

Schuylkill Co., Pa., Oct. 30, 1905.

**Asparagus Plumosus.**—About four years ago, a friend purchased a small plant of *Asparagus Plumosus*. It now covers a space six feet square, and is a mass of feathery foliage. In summer it is placed on the veranda with shade, but has light and air. In winter it covers an east bay window. It is in a large pot, and only clear water has been used, no fertilizer except that contained in the rich soil used. It has never taken a rest, grows steadily all the time, but has never blossomed. The larger growth has been freely cut for decorative purposes.

Eliza C. Smith.

Chenango Co., N. Y., Nov. 7, 1905.

**Adlumia Cirrhosa.**—If any one wants a dainty pot of feathery green, prettier than Maiden Hair Fern, let them buy a package of *Adlumia*, or Alleghany Vine, and sow as any greenhouse seeds, in woods earth, if possible. Give the plants good care, light, and some sunshine, and a cool place in summer, anywhere you want it in winter, and you will have the loveliest plant you ever saw. The next year it may be set in the ground to run as a vine. The only way I can start this vine is to sow in the house. The tiny plants are so delicate at first.

Eliza C. Smith.

Chenango Co., N. Y., Nov. 7, 1905.

**Fuchsias.**—I have two nice large Fuchsias. They require very rich soil. I change the soil on them in the fall and again in the spring. In the fall after they are through blooming I cut back a good deal of the new growth. Then they will branch out and will bear more blossoms the next year. Mine are full of flowers from April till the last of November, and sometimes until Christmas. I keep all the seed pods picked off.

Mrs. A. J. Bitely.

Kent Co., Mich., Nov. 6, 1905.





## EVENING BLOOMERS.

**F**LOWER gardens are not complete without a bed of evening bloomers. One may have a whole garden full of bright beautiful flowers to admire and enjoy through the day; but when evening comes after a hot sultry day it is very refreshing and delightful to go out into the garden and spend an idle half hour among the evening flowers. Nearly all of them have a sweet enchanting fragrance, so subtle, and so restful, that ere we are aware of it, the worries and cares of the day have taken wings and fled.

There is the Moonflower, a vine too well known to need description; the seeds sown in open ground soon germinate and form blooming plants.

The *Oenothera* or evening Primrose is easily grown, and bears large saucer-shaped flowers of white or pale yellow. The yellow grows wild here with us and reaches a height of three or four feet and is extremely fragrant.

The good old *Mirabilis*, or Four-O'Clock, (the wonder of my first flower bed) is a profuse bloomer, and blooms throughout the season. The colors shown are yellow, white, crimson and violet, and many blotched and streaked in the most lovely fashion. Give the dear old Four-O'Clocks a place in every garden.

If one has plenty of room the *Daturas* are very imposing and make strong branching plants. The single variety I call the most desirable; the enormous trumpet-shaped flowers are very beautiful. The colors are white, yellow and shades of lilac. But for sweetness give me the *Nicotiana*; one never tires of its fragrance, nor wearies of its loveliness. It is lovely in the garden, fine for house plants, desirable for bouquets and corsage wear. By all means plant the *Nicotiana*; it will thrive and bloom with almost no care at all. The white and yellow varieties of all the above named flowers are the most beautiful for evening display, and a bed of such on a moonlight evening is surely a dream of beauty.

S. Minerva Boyce.

Wash. Co., Vt., Feb. 8, 1906.

**Larkspur.**—The dwarf Perennial Larkspur described in a late Magazine is my favorite perennial, and is not praised enough in the description given. When the plants are done blooming, cut off the whole top, and another crop of blooms will soon be produced.

Willis Scott.

Polk Co., Wis.

## A BEAUTIFUL ROSE.

**T**HE Rose, Gruss an Teplitz, is hardy, and at the same time everblooming, hence valuable for both cemetery and garden purposes. All the new growth is of a beautiful, bronzy, plum color. The flowers, however, are the glory of the plant, being of a rich brilliant crimson, and appearing to be covered with a dark velvety sheen that is charming, and unusual. The flowers are freely produced on long stems, making them invaluable for cutting, while the fragrance is delightful. The bush is a vigorous grower, reaching a height of about four feet. Of the ten different varieties of red Roses in my garden, I consider this one the best and most beautiful. The Gruss an Teplitz is also catalogued as "Virginia R. Cox" and "Crimson Hermosa."

W. B. T.

Baltimore City Co., July 11, 1905.

**Petunias.**—Double Petunias are nearly as easy to grow from seeds as single ones, provided, good seed be employed. It is of little use to waste time and pains on any Double Petunia seed, unless it is secured from some thoroughly reliable house. A proportion, however, of the seeds will always produce single flowers. These plants may be pulled from the bed as soon as the first blossoms betray their character.

Mrs. W. A. Cutting.

Middlesex Co., Mass.

**Calystegia pubescens.**—*Calystegia pubescens* is a very pretty little vine. It will grow anywhere, in any kind of soil, and its pretty blooms are such a fresh pink. I have a big bed of it. It will root any place. One year we had a lot of it in an oat field where some banking had been scattered. I grow a good many kinds of flowers. I use lots of barnyard manure and ashes.

Mrs. Angus McDonahey.

Hants Co., Canada, Nov. 4, 1905.

**A Good Vine.**—Have you room for but one vine? Then let it be the Climbing Nasturtium. It is easily raised; bright in both foliage and blossom, clean, graceful in growth, and of sweet scent. Where is there a vine with so many excellent traits, and so few bad ones? Do not plant the seeds until the ground is warm; as they will not stand frost.

Emma Clearwater.

Edgar Co., Ill., Jan. 21, 1906.

**Roses.**—I think if I could have but one kind of flowers on our grounds I would confine myself to Roses. Rank-growing Crimson Ramblers over tall latticed screens to shut off outbuildings; a hedge of Moss Roses; Hybrid Perpetuals near the roadside wire fence; and in some sunny sheltered spot a round bed of tender Tea Roses.

Jane Bullard Wing.

Champaign Co., Ohio.

## ANEMONE JAPONICA.

I DO not know a more satisfactory and elegant perennial, than *Anemone Japonica alba*. At this date, Oct. 14th. it is still bearing its snow-white flowers, which two or three severe Massachusetts frosts have hardly injured. While an early frost may practically destroy the beauty of this *Anemone*, there has been hardly a season in the many years I have known and loved it, that such an untimely end has overtaken it.

The plants grow about two feet in height. The flowers are borne in loose clusters and are pure white, the petals beautifully cupped. The stamens are a rich yellow, and contrast elegantly with the petals. This flower is single, and is in every way preferable to "Whirlwind," a semi-double flower now much lauded. The exquisite grace of "Alba" is largely lacking in the "Whirlwind," whose petals are irregular, and the beautiful stamens have almost disappeared. The anemone is a flower that loses its charm by an increase of petals.

Julia H. Hitchcock.

Worcester Co., Mass. Oct. 14, 1905.

**Ranunculus.**—Catalogues invariably speak of these bulbs as being little known yet deserving of interest. They are certainly splendid flowering bulbs. The price is so reasonable that one can afford any amount of these Persian Buttercups, and the various colors make a brilliant display. They are borne on long, wiry stems excellent for cutting. The florists should not be obliged to apologize for them, simply because we do not know them. We should become acquainted with their merits at once.

Georgiana Townsend.

Los Angeles Co., Cal.

**Eschscholtzia.**—I am very partial to *Eschscholtzia*, or California poppy as I prefer calling it. I have had the choicest varieties usually found in California (as it grows wild,) for many years. In fact have naturalized it in my yard and find it does as well here as it does in its own state. I often read of mixed colors, etc., and at last concluded to try a packet of mixed *Eschscholtzia* seed. The result was quite a surprise to me as well as to others who had seen the flower in its native state. The best colors aside from the rich yellow, were pure waxen white, pale green tinted, faintest rose with outside of petals deep rose, and a delicately striped one showing several tints of rosy pink and white.

Susan Tucker.

Spokane Co., Wash.

**For a Showy Bed.**—A handsome round bed of flowers is made by planting scarlet *Salvia* in the center, white *Candytuft* next, and *Pansies* for a border.

Maud Blancher, Cortland Co., N. Y.

## PERENNIAL LARKSPUR.

AS blue flowers are none too plentiful, I wonder this fine pink flower is not more popular. The dark blue variety pleases me most, as it seems to be more rugged and shows more bloom than the pale blue ones. There are varieties that show a curious blending of purple and blue. Seeds sown early in the season will produce plants that bloom in the Fall if all conditions are good, but of course the plants are not fully grown until the second year. Well developed plants bloom in July and again in September if care is taken to remove a greater portion of old stalks, and the earth kept in order. It is not the most hardy of perennials, and seed should be sown every few years in order to keep them on hand. Requirements:—Well drained soil, plenty of sun, and old stocks removed to prevent seed from exhausting the plants.

E. H. Norris.

Erie Co., Pa., April 1905.

**Pæonies.**—If one will give them a rich mellow soil (made so by well-rotted manure) a mulch of dead leaves in autumn, and disturb them as little as possible, they are sure to grow and bloom profusely. If you wish to divide them, or change their location, always do it in late autumn after the leaves have died off.

Mrs. M. W. Marsh.

Lincoln Co., Kans.

**Euphorbia Variegata.**—This is an exquisite white flower that resembles a Forget-me-not. The plant grows about two and one half feet high. It begins to flower in July, and its beauty remains perfect for two months or more. The stems are stiff, and the flowers last for days when placed in water.

Mrs. Julia M. Hitchcock.

Worcester Co., Mass., Oct. 14, 1905.

**Nicotiana Sanderæ.**—No one can form the least idea of the beauty and splendor of the *New Nicotiana Sanderæ*, without having seen it in bloom. My plants grew three feet high, and oh, the mass of lovely carmine flowers, and do you know, they are almost frost-proof.

Mrs. E. S. Blaine.

Lee Co., Ill., Nov. 11, 1905.

**Mimulus.**—The *Mimulus* has afforded me as much pleasure as any seed-growing flower. I sowed the seeds in boxes of sifted woods earth, and kept them with other box plants. They were as much admired as their costlier neighbors.

Mrs. Frances V. Berry, Braxton, W. Va.

**Canterbury Bells.**—Try *Canterbury Bells* from seeds; they are lovely; double and single, blue, white and spotted, and are always in bloom for Decoration Day.

Sade M. Jones.

Fulton Co., Ark., Oct. 28, 1905.



## IN POOR SOIL.

IN NEW soil, or in soil supposedly too poor to grow any variety of flowers, we have found it quite possible to have a garden almost as beautiful as those made under more favorable circumstances, and although the number of varieties was of necessity limited, yet the result was distinctly pretty and encouraging. The ground was well-spaded, lightened with some sand, and raked very fine. A bed of dwarf and tall Marigolds was planted, another of white and pink Petunias, and the borders around the fence were filled with Nasturtiums, Lobbianum and Tom Thumb. Ice Plant was sown very freely around the different beds, and grew luxuriantly, making a border of the richest, most beautiful green imaginable. This little plant grows much larger and more beautiful outside of the house than it does in baskets in the window. Morning Glories were sown everywhere around the fences. Nails had been driven at bottom and top of the fence about two inches apart, and strings were stretched over these for the vines to climb on as soon as they began to grow. All summer long, and until late in the fall, the exquisite pink, blue, purple and white bell-shaped Morning Glories made the fence a veritable feast of beauty, blooming in the greatest profusion, seemingly finding in the glowing sunshine, which was theirs so freely, the only incentive they required to make them the most perfect of their kind.

The dear old spicy Marigolds made a bed sufficiently rich and beautiful for the most splendid of gardens. We planted the Dahlia-flowered variety in the centre. It grew very tall and luxuriant, simply loading itself with enormous, double, velvety flowers, shading from a rich orange color to an exquisite lemon. Legend of Honor is also a charming variety, in velvety, reddish browns and golden-orange shades, and blooms so profusely all summer and autumn that for months a plant will be a solid sheet of flowers. The dainty little Pygmæ Marigold made a very pretty border of velvety brown and gold for this bed. All of the plants which produced single blossoms were ruthlessly pulled up by the roots, but the space left was soon filled by the luxuriant growth of the others. Portulacas were sown freely throughout this new garden, and soon carpeted the beds with their pretty dainty blossoms. The Nasturtiums grew like weeds in their sandy quarters, and made such a mass of bloom that every Sunday for weeks groups of church-goers stopped to look and admire. No doubt we took unusual pleasure in our pretty garden from the fact that we had been so strongly warned by our neighbors that our labors would all be in vain.

Mary Foster Snider.

Wayne Co., Mich.

## CALIFORNIA PRIVET.

AMONG handsome flowering shrubs that bravely withstand the cold the California Privet is prominent. It is a graceful, pliant shrub and in hedges, single plants, or over fancy frames is beautiful. The foliage is a tender green and each leaf is about the size of a kitten's ear, but the leaves are densely produced.

There is a convent in New Orleans that has a tea-pot on each side of the entrance, of the California Privet. It was first trained into the form of the tea-pot, with curving handle and spout, and then pruned several times a year. Also the leaves of the Privet are retained the year round, in the south. Cuttings may be planted in spring, the earlier the better, and the young plants will grow rapidly. The third year they will be so high that pruning will be an absolute necessity. The first two years, the plants are clipped to make them stocky, and so thick are the branches and foliage that a bird can scarcely fly in and out of the hedges. Isolated specimens are quite ornamental and can be trained into any form. Arches are made also of this pliant shrub. It will grow in height like a Honeysuckle, or Jasmine of trailing, half-shrubby form, and pillars if not too high, and arches may be draped with the California Privet. Its bloom time is May, extending into June, and the panicles of feathery white blossoms cover it in sheets. When the blooms are past their prime, the plants are cut, and in a week or two, new green leafage, tender and green will be abundantly produced. This tender, light green foliage is more in keeping with velvety green lawns and flowering plants than the evergreens—Arbor Vitæ, Box and Euonymus, once so generally used for hedges and for plants to prune into fancy shapes. As a back ground to herbaceous plants, even the finest Phloxes, Pæonies, Lilies or Gladioli, the California Privet is unsurpassed.

Mrs. G. T. Drennan.

Orleans Co., La.

**Velvet Bean.**—Does any one know that the velvet bean makes an ideal vine for a porch. I had one which vined over twenty feet one season.

M. E. Robinson.

Wabaunsee Co., Kan., Oct. 7, 1905.

**Spirea Palmata.**—I have a fine plant of this Spirea, and when in bloom everyone wants to know what it is. It ought to be more common.

L. J. Coon.

Gratiot Co., Mich., Oct. 23, 1905.

**Seedling Cannas.**—Three years ago we raised the loveliest Cannas I have ever seen from the seeds. I gave them no more care than Hollyhocks.

M. E. Robinson.

Kan., Oct. 7, 1905.

## A WOMAN OF THE TROPICS.

A SMOOTH-SHAVEN green lawn; a rose-garden; a couple of tennis courts where perspiring players beat balls of the air, as skill and chance decree; beyond, shady gravelled paths leading to a fountain; and at one's back, a bungalow, raised twelve feet from the ground on pillars that serve a double purpose, for between them swing Chinese lanterns, and gilt cages in which flutter gorgeous birds.

The floor of this basement is cemented; here and there, lacquer tea-tables are set out with embroidered linen, and beaten silver services, and fragile porcelain; with the sandwiches, buttered toast, hot muffins, and rich plum cake, from which, even in Tropic climes, the English cannot be parted!

Men in all varieties of costume, from tennis flannels to the white and gold uniforms of Army and Navy, hand tea to the wan, handsomely dressed women, reclining in bamboo chairs; a military band plays; Filipinos stare over the truly English hedge; and presently files of white-robed, dark-skinned servants place seats for guests to watch the tennis games; there is chat and laughter, perhaps a little coquetry!

Our hostess leads us upstairs to see the novel characteristics of that tropical home, designed by herself, A Woman of the Tropics; and we find that this country-house of Caloocan, four miles from Manila, combines the luxuries of England and Spain.

The chatelaine, looking down from a broad balcony upon her little realm, is scion of a royal house; niece to the ex-Queen of Spain, a special dispensation from Rome, and any number of State documents, were required to legalize her marriage to the tall Scotchman glancing up at her from the tennis court.

He, big, blonde, genial, is General Manager of the only railroad in the Philippine Archipelago. She, cordial, vivacious, altogether charming, is slender, black-eyed, and black-haired, though through the heavy locks runs curious bronze gleams. Her gowns, diaphanous creations of lace and just cloth, set off her complexion of brunette bloom. Her hats are inspirations from Paris.

Daughter of an English father, she speaks English through right of inheritance, French, German and Italian, through cultivation, and is an enthusiastic gardener. A devoted mother, also, to her son and two daughters; picture-children, the elders dark as their Spanish forbears, the "baby" fair as a bisque doll.

With her children and their English governess, this Spanish dame rises at dawn, and, after coffee, rides or drives for a couple of hours. Then governess and children

repair to the school-room, while "La Senora" sets forth into the jungle, taking with her several men and a cart. In this way she has transplanted unique trees, shrubs and flowers, and has literally "created" a country home, of which the chief glory is her remarkable collection of Orchids.

Beside the house is an alley of flowering Tropical trees, each trunk wreathed in creepers, copper-green and vivid blue Lianas. The Fire-Tree, with its sultry scarlet blossoms, shaped like miniature clubs; the spreading Rain-Tree; the Cassia Nodosa, veiled in dainty rose-pink flowers; graceful Palms and Bamboos; and the Butea Frondosa, its dazzling claws of pure orange sheathed in velvety green; all are here; and from every tree hang teakwood baskets filled with Orchids.

These unique fairies of vegetation grow in every shade of color, and variety of form. One turns first to the novel Philippine species, the "Platyclinus."

Platyclinus Glumacea (illustrated), a shower of silver blossoms, grows in racemes scented like new-mown hay; the plant so resembles a chain of tiny bells, one almost hears them chime!

Platyclinus Cobbiana (illustrated), is the meeting of a club of Caterpillars, each bright blue blossom irresistibly recalling the Caterpillar met by Alice in Wonderland!

The golden flowers of Platyclinus Filiiformis (smallest known Orchid) are strikingly pretty. Collected in fragrant racemes, they cause the plant to seem a fountain of pendant sunbeams.

Among these Asiatic Orchids is a Cirrhoptalum, one of whose lobes (so unstable as to be in a state of constant oscillation) looks exactly like a tongue and chin. The flowers, arranged in a circle, all look outward, so that on whatever side the umbel is seen, it shows the same row of grinning faces, and wagging chins. Perhaps obser-



PLATYCLINUS GLUMACEA.

vation of this plant led the Chinese to produce their odd figures of men and women with chins in perpetual motion!

Another Orchid seems crowded with Lilliputian belles, each carrying a tiny pink parasol; and still another has a perfume so popular with Burmese ladies, that they decorate their hair with its blossoms.

The Masdevallia Orchid is a notable example of vegetable mechanism, owing to the extraordinary sensitiveness of its la-





PLATYCLINUS COBBIANA.

bellum. When it's golden flowers are in bloom, at the slightest touch, the lip, first slowly, then suddenly, closes itself upward to the column, where it remains fixed for half an hour, and then descends to it's former position.

In the "Arachnanthe," (so-called because the markings on the petals resemble a spider's cobweb) two kinds of blossoms grow on the same raceme; the three lower, orange color dotted with mauve, all the others, deep chocolate streaked with gold.

Our eyes wander on, past the American varieties, to glance over the collection of "Slipper" Orchids (fairy shoes, rose for evening wear, satin white for a dance, canary for a cavalry dress-parade!) to linger in the place where grow the English Orchids, tended with special care for the sake of their owner's English father.

Here is the lovely Bee Orchis, with it's velvety curved lip, brown mottled with gold, and lilac wings streaked with green; affording a decided likeness to a bee about to settle on a flower.

Here too is the quaint Tway-blade, with it's two oval leaves, and four-cleft lip, that seems to hang out the sign of "The Little Green Man" with two arms, two legs, and a golden head! See illustration.

Another, we are told, is called "The Baby Orchid," for which we see the reason when, peeping into the centre of each fair strange blossom, we find there an object which really looks like a fairy baby!

The building plan of each Orchid seems to serve as a wayside tavern for the Tropical insects flying about. The pocket answers as a front doorstep, making a convenience for bee and butterfly, while the dark spots on the upper petals point downward to the refreshment room.

Leaving these floral wonders, the chate-laine of Calocan leads her guests back to the picturesque basement from which the



TWAY-BLADE ORCHID.

tea-tables have vanished. The Chinese lanterns are lit, and arranged in crowns, rows, clusters, lines of crimson balls curving far up in air toward the roof, golden orbs glowing close to the floor, globules of blue light hung mid-way between; spheres and stars of rainbow color, dainty, wonderful, swinging and palpitating in rings and wheels and arches.

Under these illuminations begins an Oriental dance, named "Woodland Episodes." In this, Filipinos, in beautiful attitudes and movements, simulate the motions and sleep of a flower; the swaying of trees in the wind, the flight of a bird; the frisky grace of a squirrel; and the anger of a startled stag. With prettily suggested movements, the dancers seem to play ball with the wind, to swoop and hover, to rock on swaying boughs, and to ripple like a brook, until the spectators absolutely believe themselves in a forest.

When the costumed dancers glide away, the guests troop upstairs to the superbly furnished drawing rooms, where music, dancing and singing while away the merry hours, until a luxurious supper is announced, after which every one departs, "after his manner."

Lilian O'Connell.

Washington, D. C., Jan. 23, 1906.

**Growing Roses.**—Where I plant my Roses I make the ground rich with old, well-rotted manure and wood ashes, taking care not to use too many ashes, as they are liable to burn the roots, and perhaps kill the plants. I plant the Roses in August or September, giving plenty of room to each plant. Every spring when just coming in bud I spray the bushes with a solution of one teaspoonful of paris green and a half cup of kerosine oil to a gallon of water. I am never bothered with them. S. C. M.

Oscoda Co., Mich., Nov. 4, 1905.



## PLANTING OF THE HYACINTH.

Bare were the trees of autumn,  
Gone were the summer flowers,  
When I carried it forth to the garden,  
That little brown bulb of ours.

It's grave I made in the corner,  
And covered it o'er with mold,  
And with tenderest thoughts for the future,  
I left it alone in the cold.

Through the storms of the icy winter,  
Asleep in its close dark bed,  
It heard not the fall of the snowflakes,  
Nor the winds angry blast o'erhead.

Now in the time of singing,  
When all things around us are green,  
I find a sweet-scented fairy,  
Far lovelier than richest queen.

I think of the time of mourning,  
When Christ in the lowly grave  
Slept through the hours of darkness,  
That man from sin He might save.

I think of that lovely morning,  
When Day trailed her mantle of white  
Across the fresh rainbowed horizon,  
And covered the shadows of night.

How the dew sparkled brightly in diamonds,  
On the fair Lilies brow white as snow,  
How the birds must have caroled their sweetest,  
On that bright Easter morn long ago.

And since our dear Lord has arisen,  
We, too, shall arise from the dust,  
For such is the promise that's given,  
And the laws of Our Father is just.

*Bremer Co., Iowa. Angelyna J. Maurer.*

## AN EASTER LILY.

Oh wondrous flower of white and gold,  
What love Divine your leaves unfold;  
What tender memories impart  
The chambers of your golden heart.

Only the clods refuse to heed,  
Only the dumb express no need  
Of the wealth within your raiment wrought  
Beside whose glory a king's was naught.

Rising from earth on your stately stem  
To rear your star-crowned diadem,  
An offering pure and fair and sweet  
For Easter Morn at Jesus feet.

*Oakland Co., Mich.*

*Z. Irene Dates.*

## APRIL.

It is April, spring has come,  
Weeps the rain and smiles the sun,  
Fly the birds o'erhead,  
Tulips peep above the ground,  
Grass is springing all around,  
Ice and snow have fled.

Winds are blowing soft and warm;  
Cloudy skies and gathering storm,  
Red, half-hidden sun.  
Ice has left the rippling ponds,  
Trees are sprouting leafy wands,  
Now is winter done.

*Plym. Co., Mass.*

*"Linden."*

## THE OLD STONE STILE.

Lying hidden mong'st the grasses,  
Green and bending by the way  
Great, gray, silent rocks are resting  
Thro' the years that pass away.

Once there stretched where they are lying  
A stone wall, broad and gray and long,  
And the flowers grew there beside it  
And the birds paused there, in song.

'Neath the wall, a tiny streamlet  
Glad its silvery course to run,  
Finds it's way thro' grassy meadow,  
And flow'rs on thro' shade and sun.

Now the wall has fallen, leaving  
A flowery, grassy, mouldering pile  
That is known throughout the country  
As the "Old Stone Stile."

A giant oak, his branches rising  
High above that rocky run  
Stands as if to guard a treasure,  
By the old rocks gray and dun.

Here the children play at sunset,  
Or at noon among the flowers;  
Here is whispered love's sweet story,  
In the evening's twilight hours.

And I love to list the music  
Of the brook that sings the while  
Mong the bending, swaying grasses  
By the "Old Stone Stile."

*Beth Bradford*

*Neb. Co., Nebr., Feb. 3, 1906.*

## THE HEART'S GARDEN.

Within the garden of the heart  
Are many blossoms growing—  
And as the days and years depart,  
Fresh flowers we are sowing.  
The fragrant, crimson rose of Love  
Is 'mong its best and fairest;  
And like a flow'r from above  
Blooms Purity, the rarest;  
And, growing fair, and close beside  
The plant of Constancy—  
Its fragrance flinging far and wide,  
The flower of Faith we see.  
We call from Friendship, Hope and Truth,  
Sweet blossoms, without measure,  
And in the hearts of care-free youth  
Grow Laughter, Song and Pleasure.

*L' Envoy.*

But fairer, dearer far, than all,  
To me shall ever be,  
The bloom which holds my heart in thrall  
Sweet flower of Memory!

*Stella M. Legrand.*

*Multnomah Co., Oreg., May, 31, 1905.*

## APRIL.

April is coming with smiles and tears,  
Just as she's done through all these years,  
Tears for the sorrowful, smiles for the gay,  
But then she always comes that way—

*April does,*

You can never tell what she's going to bring,  
But we're very sure it will be spring,  
For the birds have come and the Crocus too,  
But sometimes the snow comes right down thro'  
*April skies.*

April is sunny and then she is sad,  
Just like a heart that is sorry or glad,  
But we'll bid her welcome with good cheer  
For March is gone and April is here —

*April is.*

*C. L. W*

*Delaware Co., Iowa., Mar. 20, 1906.*



## POLYANTHA ROSES.

THE Polyantha or Fairy Roses are not as much appreciated as they should be. The flowers are small, but are perfect in form and produced in clusters of from ten to twenty Roses, each cluster making a bouquet by itself, and when bedded out are continually in bloom. All Polyantas are not perfectly hardy, as they require some protection in some localities.

The dwarf, bushy plants of the Polyanthas are excellent for edging and borders.

Clothilde Soupert is the largest of all the Polyanthas. This is listed as a tea, but is really a Polyantha. The flowers are perfectly double, with outer petals white shading to a centre of rosy pink. This is not only a valuable outside Rose, but makes an excellent pot plant.

Mignonette is an excellent and a true Fairy Rose; the small, bright pink flowers are as pretty and as double as they can be, and the little bushes are literally loaded with bloom.

George Pernet is an excellent Rose; the flowers are larger than most of this class. In color this is a bright Rose with touches of yellow and reflexed petals. This is an exceedingly sweet Rose.

Etoile de Or is a beautiful pale, chrome yellow Rose.

Madam Cecil Bruner, rosy pink on creamy ground, produces good sized perfectly double flowers, and is very fragrant.

We find no perfect whites in the Polyantha Roses, all being slightly tinted with color. A great many catalogue Jeanne Drizon as a pure white, but this is faintly tinged with crimson.

Gloire des Polyanthas is a beautiful variety, with bright pink flowers having a real ray through each petal. The flowers are perfectly double and very sweet.

In the Polyanthas light colors predominate, there being few deep colors, but in Perle des Rouges we have a deep velvety crimson with medium sized flowers.

The pink Soupert is a deep rich pink and a strong, healthy grower, and an exceedingly free-bloomer.

Laura Jones.

Lincoln Co., Ky., Mar. 15, 1906.

**Planting Small Seeds.**—Fill a box ten by twelve inches with drainage and good soil till within two inches of the top. Press it down evenly with the hand, and spread a thin cloth over it; wet it thoroughly; take off the cloth, sprinkle on the seeds, and sift fine dry dirt on them lightly, and thinly; put glass over them, and let the morning sun shine on them a little while, and after the plants come put something under one corner of the glass to give air. I have always had good success by this treatment.

M. E. M.

Chilton Co., Ala., Feb. 24, 1906.

## SALVIAS.

I OFTEN wonder why such valuable plants as the Salvias are not more largely grown. They have so many desirable qualities and so few defects, if any.

As readily grown from seed as a Balsam or a pink, easy to transplant, rapid growing, coming into bloom early if given an early start, and once in bloom they are a blaze of dazzling color until severe frosts. In the border and beds they produce an effect and display which I have found no other plant to equal. For cut flowers, very few plants can equal them. For the window garden I find them very desirable, the rich glowing scarlet of *S. splendens* being especially attractive. From one packet of *S. splendens* purchased this spring I raised eighteen fine plants. The seeds were planted in a cold frame early in April, transplanted in May, and began blooming late in June, and from then until October they were a dazzling blaze of scarlet. Late in September, after a few light frosts, several plants were trimmed back severely, taken up and potted in five and six-inch pots. Today, December 10, each plant has twelve to twenty long spikes of the richest, brightest scarlet imaginable.

From a packet of *Salvia patens* received at the same time I raised ten fine plants, which were second only to *splendens*, and almost as indispensable for bouquets, the rich deep blue and silvery white flowers in long graceful drooping spikes were a treasure indeed. This variety is quite hardy, and bloomed freely until severe frost came and ended its useful career. N. B.

**Amelanchier or June Berry.**—This is a handsome shrub, well worth cultivating for its pretty, early-spring flowers, and its neat, pretty foliage. The fruit is edible, and like many other kinds of fruit, is liked by some, while others consider it insipid, and lacking in flavor. When the season is favorable the fruit is fine for canning, and to eat raw. It is easily gathered, and the bush has nothing in the shape of thorns to annoy us while gathering fruit.

Amelanchier, (which by the way is known here and in many other places as Service or Sarvice berry, and has been advertised as June Berry, a common name in some other localities,) is a slow-growing, hard-wood shrub, very durable, and as I have said, well worth cultivating. It belongs to the same natural order that our most common fruit trees do.

Susan Tucker.

Spokane Co., Wash.

**Winter Carnations.**—One of the loveliest plants I had in my windows last winter was the Comtesse de Paris Carnation. The flowers were large and perfect, clear canary yellow with splashes of rose. I raised it from seed.

Mrs. Rosa Batterbee.

Charlevoix Co., Mich.



### FLORAL NOTES FOR APRIL.

**A** TOP dressing of manure in April will help the late bloom of Roses very much.

For autumn blooming, sow seeds of Asters in a frame the last of April or the first of May.

Dahlia seeds may still be sown, and if in good soil and the season favorable, make flowering plants.

For a succession of bloom, Gladiolus should be planted every two weeks from the first of April till the first of July.

It is best to start most plants in a seed bed, even Poppies and Larkspurs and other plants with top roots can safely be transplanted while young.

Select a site for the seed bed which is somewhat protected on the north and west.

Rake the earth smooth and free from rubbish.

The soil does not need to be rich as young plants need very little force besides fresh air and pure water, but it should be light and porous.

After pressing the bed smooth with a piece of board, sprinkle well with water and let it drain about an hour, then plant the seeds, covering to a depth of twice their diameter, with finely sifted soil, equal parts of sand and leaf mould from the woods is best. Press down compactly with a board again and your task is done.

If you have short stout stakes around the bed, pieces of old carpet or matting may be thrown over to protect on cold nights or from hard dashing rains.

Feverfewes are fine for window plants in winter, and if wanted the seeds should be sown during this month.

If you want something real pretty, take a tub or a coal oil barrel sawed in two, sink to the top in the ground, fill half full with rich soil and plant two or three roots of Water Lily, then fill the tub with water and keep it full all summer.

On mild days all but the more tender house plants should be exposed to the full air for several hours, and if sometimes set out in a gentle, warm rain they will be greatly benefited.

At this season the red spider is apt to trouble the Roses. Free syringing or sponging of the leaves is a sure specific.

Garden Lilies need deep planting.

April is the best month for planting all hardy things.

All hardy annuals such as Sweet Peas, Candytuft, Mignonette, Pansy, Larkspur, Lupinus, Sweet Rocket, Eschscholtzia, etc., may now be safely sown out of doors.

Verbenas struck before the middle of April make fine plants by the first of June. The cuttings root quickly.

Deep planting of Gladiolus, Sweet Peas and Tuberoses, from two to four inches, will usually give better results than a more shallow covering.

Hardy bulbs, like Hyacinths, Tulips, Lilies, Crown Imperials, Iris, Phlox etc., do better if allowed to remain undisturbed for several years.

Young Carnation plants should be placed in frames and kept well aired to harden off preparatory to planting out.

When Hydrangeas, Fuchsias, Petunias, Calceolarias, etc., are pot-bound, water exclusively with manure water and the results will be satisfactory.

Yamhill Co., Oreg. Jessie Lynch.

**Scalding Seeds.**—Cannas and Acacias should have the seeds scalded before planting; otherwise it takes a long time for them to germinate. The seeds should be subjected to this process singly, and pour the water off as soon as a tiny "click" is heard.

Middlesex Co., Mass. W. A. Cutting.

### FOOD HELPS

#### In Management of an R. R.

Speaking of food a railroad man says: "My work puts me out in all kinds of weather, subject to irregular hours for meals and compelled to eat all kinds of food.

"For 7 years I was constantly troubled with indigestion, caused by eating heavy, fatty, starchy, greasy, poorly cooked food, such as are most accessible to men in my business. Generally each meal or lunch was followed by distressing pains and burning sensation in my stomach, which destroyed my sleep and almost unfitted me for work. My brain was so muddy and foggy that it was hard for me to discharge my duties properly.

"This lasted till about a year ago, when my attention was called to Grape-Nuts food by a newspaper ad. and I concluded to try it. Since then I have used Grape-Nuts at nearly every meal and sometimes between meals. We railroad men have little chance to prepare our food in our cabooses and I find Grape-Nuts mighty handy for it is ready cooked.

"To make a long story short, Grape-Nuts has made a new man of me. I have no more burning distress in my stomach, nor any other symptom of indigestion. I can digest anything so long as I eat Grape-Nuts, and my brain works as clearly and accurately as an engineer's watch, and my old nervous troubles have disappeared entirely." Name given by Postum Co., Battle Creek, Mich.

There's a reason. Read the little book, "The Road to Wellville" in pkgs.



## CARING FOR BEGONIAS.

**T**HE bulbs of Tuberous Begonias should be potted, or bedded, in loose rich loam, concave or cupped side up, and extending above the soil; water sparingly until growth begins; then never allow the soil to become dry.

If bedded, the bed should be made in a sheltered, shady place.

Plant the bulbs about fifteen inches apart. The rich soil brings out a robust growth, in both foliage and flower, and gives a more splendid appearance. Pot in the house as early as desired, but if placed directly in a bed wait until settled warm weather. I would prefer to start them in the house, as then the flowers would come much earlier.

Late in the fall, before severe frosts, allow the soil to become dry; as soon as the foliage dries, remove, and either place the pot in a frost-proof closet; or remove the bulbs from the soil and place in paper sacks, in a dry cellar or a frost-proof room. Treat same as *Gladiolus*. A bed, or pots of the single Tuberous Begonias are lovely indeed; the petals have a velvety appearance, more pronounced than in Pansy blossoms. A full grown flower is much larger than a silver dollar.

Mrs. E. Clearwater.

Edgar Co., Ill., March 23, 1905.

**Sage for Bees.**—California honey is said to be the finest in the world, and for purity of color, and delicacy of flavor, the sage honey leads. The foliage of the wild sage is a silvery green and the blossom is white. A variety called black sage, has dark leaves, and a yellow blossom. Although it is said that either sage produces white honey, the white sage is preferred by the bee raisers. The white sage is a beautiful bush, quick growing and graceful, but the dark sage, while scrubby, is a more constant and prolific bloomer. The bloom of white sage looks white, but upon examination, one sees a delicate lavender tone. Under a microscope are seen dark purple dots, which are the nectar drops. The shape of the flower is odd. The lower lip is folded over the entrance to the throat, but when the bee alights on the lower lip, her weight forces it down, and she can sip the hidden nectar. The throat is lined with white hairs, preventing crawling insects entering. Thus it will be seen that the Sage is the natural benefactor of the honey bee.

Alfalfa gives a fine yellow honey; Orange blossoms make a delicious honey; the bean also makes good honey; but the gilt-edge, California honey comes from the wild white Sage.

Georgina Townsend.

Los Angeles Co., Cal.

**Remedy for Moles.**—Soak corn in turpentine twenty-four hours; then perforate the mole-run with a stick, and drop the corn in. The moles will then disappear.

Cross Co., Ark.

G. A. Moore.

## ROSES IN WATER.

**H**AVE you ever rooted Roses in water? It is a good way. Fill bottles with rain water, select good cuttings, shut the mouth of the bottle with rolled paper and slip the cutting in. Set or hang the bottle in the sun. Pretty soon little roots will appear. When these are well grown remove the plant carefully, make a hole in the flower bed, half fill it with clean sand, put the plant in and fill the hole with sand. Turn a glass jar over it until growth begins. This is nice for a choice Rose sent in a bouquet.

E. F. W.

Iredell Co., N. C.

**Cut Flowers.**—When Hyacinths or any other cut flowers begin to wither, place in a vessel of water, set that vessel in one considerably larger, with as much water as it will hold, and cover closely. The bath tub is very good, if it can be spared from daily use.

G. L. D.

Orleans Co., La., Dec. 21, 1905.

## A TORPID THINKER

**The Frequent Result of Coffee Poisoning.**

A Toledo, O., business man says that for three years he had no appetite for breakfast; that about once a month he ate solid food at that meal, generally contenting himself with his cup of coffee and having no desire for anything else.

Coffee frequently plays this dog-in-the-manger trick; while it furnishes no nutriment itself, it destroys the appetite for food which is nutritious. The result was, in time, a torpid mentality, which was a distinct handicap in his business operations.

"Last Christmas," he says, "I consulted my brother, a practicing physician in Chicago, and he advised a diet of Postum Food Coffee, instead of the old kind, and also Grape-Nuts food. Since that time I have followed his advice with most excellent results. My brain is active and clear in the morning when it naturally should be at its best; I no longer have the dizzy spells that used to make me apprehensive; I have gained materially in flesh and feel better in every way.

"The Postum seems to be no less a food than the Grape-Nuts, and the two together fill all requirements. My wife has tried several of the recipes in your little booklet and we have enjoyed the result, but to my mind Grape-Nuts food is best when served with sliced fruit and covered with cream." Name given by Postum Co., Battle Creek, Mich.

There's a reason. Read the little book, "The Road to Wellville" in pkgs.

## THE CHILDREN'S LETTER.

My Dear Children:—After the visit of the little birds, referred to in my last letter, I went to the post office. I had gone but a short distance when I passed under an old live-oak. It was thickly clothed with small, glossy leaves, rich green in color, hard and healthy. But particularly noticeable among the branches were little tufts of foliage of grass-like shape, and light green in color, and hanging upon slender stems beyond the foliage were little brown buds in great abundance. These tufts were air plants, and they were scattered promiscuously over the tree, attached to the smaller branches. The plants are interesting, and must be very pretty when in bloom.



MOSS COVERED OAK

Another Oak nearby was beautifully decorated with great hanging clusters of long, gray moss. This moss in general form might be likened to huge sprays of *Asparagus Sprengeri*, though, of course, of different color. After a shower of rain, and during wet weather, this moss takes on a lovely sea-green color. These showy clusters are often gathered for decorative purposes, and when skillfully used add greatly to the beauty of a room. They make delicate festoons.

Passing by a foot-path across a native grove I noticed a little girl standing upon the path, apparently interested in something near her. As I approached she turned her attention to me, and I walked on, wondering why she loitered, until I came quite near, when I was startled by something just in front of me which jumped about a foot directly toward me. I had not noticed anything in the path before, and this assertion made me jump too. I got out of the way of the strange creature quicker than you could say "Jack Robinson," for I did not know what he would do next. Then I examined him, saw him hop several times, turned him over and saw him right himself, and learned what I could about him. He was rather circular in form, with a shining black soft shell, somewhat flattened on the back, thicker in front, and tapering toward the rear. His face was extended into a long, bill-like snout, and when turned over, he placed this upon the ground, extended about six inches of neck, and was upon his feet in an instant. He seemed to be exceedingly strong and active. I did not see him walk, as do our northern turtles, but he would leap like a frog, gaining the distance of about one foot at each leap. Enquiring of natives about the animal, I was told that this species of turtle is common in Florida, and is prized as a table delicacy when properly served. I removed him from the path, and went on.



HOPPING TURTLE.

The Presbyterian Church is a neat little structure situated near the centre of the city, and is a



THE CHURCH AND BUZZARDS.

favorite place of worship by the tourists, because of the able, practical sermons delivered by the Scotch minister, who is of the Puritan type. Well, as I passed, what do you suppose I saw? It was a novelty to me, and I smiled as I thought of the pure christian doctrine taught there, and the upright, religious life generally recog-

nized in the worshippers—the comb of the roof was covered with big turkey buzzards, and there were two upon the chimney top. There they sat, some looking out over the sea, some looking at each other, all silent and apparently contented. They were probably resting after "a full meal," and I did not disturb them.

Further on I saw other chimney tops decorated with live buzzards, and on the comb of one house was a big buzzard with out-stretched wings, resembling at a distance the spread American Eagle. I came to the conclusion that it was not because of anything foul or impure that these



AFTER A FEAST.

birds were sitting around. They probably gather much of their food from the seashore, and they kept the air pure by acting as regular scavengers. They are regarded as very useful, and a Florida law exacts \$5.00 fine from anyone who kills one of them.

But I must close this letter before I tire you. I returned to LaPark the latter part of February, and my next letter will be from there. I will only add that the climate of St. Petersburg seemed to be almost perfect, and the air was delightful all winter, the mercury ranging from 60° to 70° nearly the entire season. Oranges, Grape-fruit, Guavas, Bananas, etc., grow freely in the gardens, and Roses, Geraniums, Poinsettias, etc., were blooming in the front yards. Thousands of tourists go there for their health, and find the climate beneficial or curative in almost all cases. I shall always remember with pleasure my visit there, and I can recommend the place to others, either for health or pleasure.

Your Friend,  
LaPark, Pa., March 10, 1906. The Editor.

### MAGAZINE APPRECIATED.

Mr. Park:—I wish to express my appreciation of your Magazine. I find it a mine of information. I am a great lover of all kinds of flowers, and have a great many of out-door and window plants. They are of the choicest kinds. I have success with most every thing, and learned all I know from Park's Floral Magazine. I have taken it for ten years, and yearly sew the copies together for reference. All we need now is a column of Floral duties for each month, telling us amateurs what to do.

Mrs. E. H. Morse.  
Wyoming Co., N. Y., Sept. 21, 1905.

### GOSSIP.

Dear Floral Friends:—When my little journal arrived to day I scanned its pages in search of old friends. I wonder what has become of some of them. As I passed by the beautiful home of Georgina S. Townsend several months ago my mind instantly flew to Park's Floral Magazine, and how I always enjoyed the pen pictures of her flowers. Flowers are my greatest comfort and I spend my happiest hours while studying them and caring for their wants. I love all kinds, but as I cannot grow them all I select my favorites. For vines I think nothing equals Cypress and Madeira; for bulbs I grow Tulips, Crocus, Gladiolus, Iris and Tuberoses. How I do love the Tuberoses. Those who do not grow them have no idea what they miss. Cannas and Dahlias I grow from seeds, Geraniums also; the seeds grow as easily as weeds, providing you know how. Pinks, Balsams, Phlox and Pansies I always find room for. A red Fuchsia is my favorite plant; perhaps it is because I admire the poem so much entitled "The Legend of the Fuchsia." I always have a bed of white flowers of every kind that will grow together. Daturas are beautiful and fragrant; Nicotiana is not so pretty, but its perfume makes up that part. Sweet Alyssum is both pretty and fragrant. These three will make a beautiful bed, and the perfume will have to be experienced as no pen can describe it.

Madison Co., Ind., Jan. 6, 1906.

M. I. N. L.



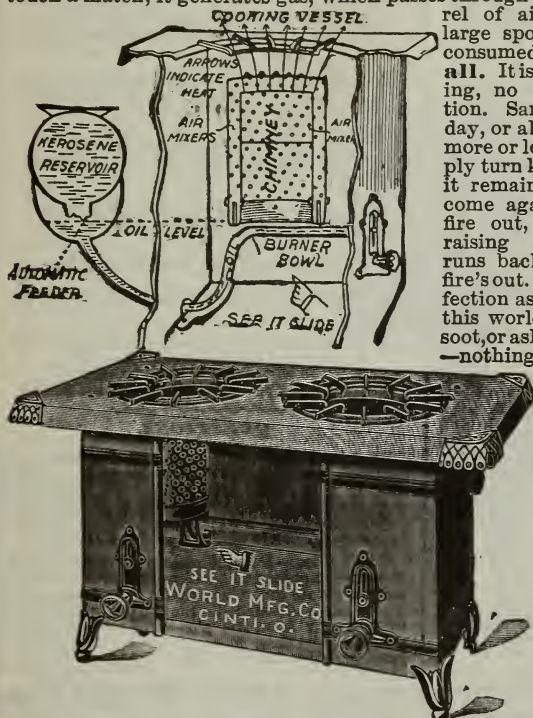
# BURNS BARRELS OF AIR

## THE MOST WONDERFUL STOVE EVER INVENTED!

Causing great excitement wherever exhibited. Fuel drawn principally from atmosphere. Uses 395 barrels of air, while consuming one gallon of oil. Wood, coal and oil cost money. Only free fuel is air. Supply unlimited. No Trust in control. Air belongs to rich and poor alike.

### HARRISON'S VALVELESS OIL-GAS AND AIR BURNING STOVE

Automatically generates gas from kerosene oil, mixing it with air. Burns like gas. Intense hot fire. Combustion perfect. To operate—turn knob—oil runs into burner—touch a match, it generates gas, which passes through air mixer, drawing in about a bar-



rel of air, to every large spoonful of oil consumed. That's all. It is self-regulating, no more attention. Same heat all day, or all night. For more or less heat, simply turn knob. There it remains until you come again. To put fire out, turn knob, raising burner, oil runs back into can, fire's out. As near perfection as anything in this world. No dirt, soot, or ashes. No leaks—nothing to clog or

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Men and women at home, traveling, all or part of time, showing, taking orders, to appoint agents. GREATEST SELLER OUT. CUSTOMERS DELIGHTED. BIG MONEY THIS SUMMER. To show in operation excites curiosity. People watch it as though a thing of life. Agents clamoring for territory. Every stove guaranteed. Sales enormous. Write today for 1906 Proposition. NEW PLAN.

close up. No wick—not even a valve, yet heat is under perfect control. Objectionable features of all other stoves wiped out.

Not like those sold in stores.

Ideal for cooking, roasting, baking, ironing, canning fruit, picnics, cottages, camping, also for heating houses, stores, rooms, etc., with radiating attachment.

No more carrying coal, kindling, ashes, soot, and dirt.

No hot, fiery kitchens.

Absolutely safe from explosion.

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Simple—durable—last for years.

Saves expense, drudgery and fuel bills.

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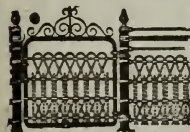
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200 varieties. Also Grapes, Small Fruits etc. Best rooted stock. Genuine, cheap. 2 sample currants mailed for No. Desc. price list free. Lewis Roach, Fredonia, N. Y.

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shows in NATURAL COLORS and accurately describes 216 varieties of fruit. Send for our liberal terms of distribution to planters.—Stark Bro's, Louisiana, Mo.

MARRIAGE paper free, very best published Eastern agency 28, Bridgeport, Conn.

CACTUS DANLIAS 10 cents each. Mrs. H. A. TATE, Greenlee, N. C.

### EXCHANGES.

Errata.—The address of Mrs. J. G. Johnson, given in March exchange should be Boyceville, Wis.

Carnations and house plants for Peonies and Smilax. Mrs. F. B. Stevens, Chicago, Ill.

Golden Glow plants for Madeira vine Tubers. Mrs. Wm. Lewis, Green Ridge 109 Marion St., Scranton, Pa.

Crape Myrtle and Violets for Gladiolus and Cannas. Mrs. E. F. Rice, Simpsonville, S. C., R. F. D. No. 3.

Golden Glow and Hardy Ferns for Hardy Vines and Shrubs. Carrie Gillmore, Savona, N. Y., R. F. D. No. 3.

Chrysanthemum plants for Peonies. Adonia Marionneaux, Plaquemine, Iberville Parish, La., Box 277.

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Aren't you the least concerned about your future? We believe you are. Send birthdate, 2c stamp for **SUCCESS HOROSCOPE**. All matters of business, sickness, friends, enemies, marriage, lovers, travel, exchanges, speculations confidentially treated by an **EXPERT ASTROLOGER**. Will give special \$2.00 Horoscope **FREE**, just to advertise our business. Write at once for particulars. **Dept. E. Mystic Seer, LEON KYRA Co., Syracuse, N. Y. Box 683.**

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**NEW REMEDY  
SENT FREE.**

"O! what a pleasure to see your man or boy turn, with a *wry face* from tobacco, cigars, cigarettes or snuff, disgusted and sickened by the very odor! And oh! the joy of knowing that he rejoices too; rejoices to be free from bondage!

I have had that pleasure. Any one can have it. I have given it to hundreds. I will gladly give it to you, as I have nothing to sell and want no money. My husband was a tobacco "fiend." This wonderful *new remedy* cured him, restored his broken health, and I am determined that the whole world shall know of this Heaven-sent blessing for women, who cure their loved ones, the *powers* being odorless and tasteless, may be

**GIVEN SECRETLY**  
in Tea, Coffee and Food.

**MEN CURE THEMSELVES**

easily, and gradually, by taking the remedy in *tablet form* three or four times a day. They like this remedy because they don't have to quit; it *makes them quit* as the dose dissolves slowly in the mouth and takes away all craving for tobacco.

The *ree Treatment* has cured hundreds, although merely sent to show how harmless it is, how it may be used, etc. If you need more, it will cost less than tobacco, and thus you will save money and health, and lose no pleasure. Send me a letter NOW, state if secret remedy is wanted; send 2 stamps and you will hear from me in plain envelope, promptly. Address

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\$200 to \$500 per month readily made, experience unnecessary, the greatest patented mechanical wonder of the age. The MINUTE BUTTER CHURN will make sweet creamy butter in less than five minutes. A child can do the work, so different from the old style back-breaking method that every user of a churn will be wild to possess one. Write at once for exclusive agency. Free sample to workers. Address MINUTE CHURN CO. DEPT 186 CINCINNATI, O.

## LADIES

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294 Hidden Name, Friendship, Silk Fringe, Envelope and all other kinds of CARDS and Premium Articles. Sample Album of Finest Cards and Biggest Premium List, all for a 2-cent stamp. OHIO CARD COMPANY, CADIZ, OHIO.

And Euphorbias Catalogue for a stamp. Mrs. M. E. Patterson, Box 37, Glendale, Cal.

A Valuable Receipt for making Salve for 25c. Mrs. J. Evans, 316 Barkley St., Salisbury, Md.

## TEN LITTLE SWEET PEAS.

Ten little Sweet Peas planted in a line,  
The first came and nipped one and then there were nine.

Nine little Sweet Peas near the garden gate,  
John forgot to water one and then there were eight.

Eight little Sweet Peas climbing up to heaven,  
Papa's wheel ran over one and then there were seven.

Seven little Sweet Peas, but oh, those naughty chicks  
Flew the fence and scratched one and then there were six.

Six little Sweet Peas began at last to thrive,  
Gyp dug up the prettiest one and then there were five.

Five little Sweet Peas, wish there were a score,  
Baby pulled one by the roots and then there were four.

Four little Sweet Peas, dainty as can be,  
Willie Smith tramped right on one and then there were three.

Three little Sweet Peas nodding how-de-do,  
Mamma sent one to a friend and then there were two.

Two little Sweet Peas, alas, Old White-tailed Bun  
Nibbled off one slender vine and then there was one.

One little Sweet Pea dancing in the sun,  
Bloomed and bloomed and bloomed until there was none.

Jefferson Co., Ky.

Venita Seibert.

## QUESTIONS.

**Blight.**—My Orange tree and Jasmine were blighted last fall, the leaves becoming crinkly and as if covered with soot. My Hollyhocks were also blighted in the same way, the cause, apparently being a white insect which appeared in swarms. What shall I do?—Mrs. H., La.

**Small Flies.**—A small gnatty fly comes and by February appears in such numbers as to nearly eat my plants up. They fly up in a swarm when the plant is disturbed. Small, thin-winged and never go far from the plants. I put sulphur on the dirt, but that does no good. Please give a remedy.—Mrs. Harris, Ohio.

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If you are honest and ambitious write me today. No matter where you live or what your occupation has been. I will teach you the Real-Estate business by mail; appoint you Special Representative of my company in your town; start you in a profitable business of your own, and help you make big money at once.

Unusual opportunity for men without capital to become independent for life. Valuable book and full particulars free. Write today.

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Write to day for our Catalog. Inclose 10c. for postage and we will send you our \$1.00 Collection (10 pkts.) of New and Rare flower seeds Free, also Pkt. of our Surprise Mixture, over 600 kinds. -Mention this paper. IRVINGTON SEED CO.

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## DOGS AND HOGS FOR SALE.

All kinds, Pigeons, Ferrets, and Rabbits. Send 8 cents for Catalogue.

Chas. H. Landis, 510 Moss St. Reading, Pa. Dept. A.

\$8 Paid Per 100 for Distributing Samples of Washing fluid. Send 6c. stamp. A. W. SCOTT, Cohoes, N.Y.



# Why I Wish To Tell YOUR FORTUNE FREE

A young lady in Nebraska once wrote asking me to reveal her fortune by Astrology. Among other questions, she asked me to tell the color of her eyes and what color her barn was painted.

I mention this to show the mistaken ideas which many people hold regarding Astrology.

It was to show what my system of Astrology really means and to prove my power to aid and assist humanity, that I began, many years ago, the sending of Trial Horoscopes to all persons interested enough in their future to send me a two cent stamp.

Dear Reader, I wish also the privilege of convincing you of my ability to look into your future, to guide your steps in the right path, to lead you (as I have led many, many others) to success in business, love, in the attainment of any praiseworthy object.

Life is not all luck, as many would have you believe. Those who crowd to the front, are those who understand themselves and their possibilities thoroughly. No guess work, no waiting to see what may turn up.

When a prominent New York financier has been known to daily consult an Astrologer before entering upon speculation, is it not high time for you to learn your fortunate periods, time for you to look into this science and see what fate has in store for you?

Did you ever hear of a divorce where two people were married in harmony with their Astrological indications?

Did you ever stop to think that some of your rivals, who are perhaps outstripping you in the race for money, love, or fame, are pushing forward in the clear light of Astrological knowledge, whilst you are groping blindly in the dark?

Why not turn to me for advice and be yourself the successful leader?

I have drawers filled with letters from grateful patrons, letters which I hold sacredly confidential, letters telling me of financial advancement, of success in love and marriage; also many sad letters regretting that my advice had not been asked years ago.

Pleased patrons have sent friends to me, have asked my advice for their children and children's children.

My success has brought imitators, probably some of them are advertising in this very paper. Some have tried to copy my work, many of them have boldly copied my books and circulars. Remember, I was the first to send free Horoscopes for the asking. I alone guarantee the correctness of my forecasts.

My system of Astrology will answer questions of vital interest to every human being; will name your fortunate days and years, will tell you of the likelihood of legacies, will show you who to marry. This trial reading which I offer you free will mystify you by its correctness.

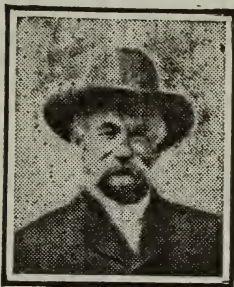
My system of Astrology is different from that of any Astrologer living or dead. To the Astrology of biblical days I have added the results of my own study and observation, until I am able to foretell events which absolutely come to pass.

Patrons write me after the lapse of years, announcing the fulfillment of every prediction.

You will be so convinced by what I will tell you, by my wonderful powers to read your future like an open book, that you will write me when in doubt or in trouble; when you want advice about speculation, business, marriage, travel and the

future, you will also be glad to refer your friends to me, and in that way repay me for the cost of the Free Horoscope which I will send you.

**Write me to-day lest you forget.**



Your entire statement of past and present is absolutely true, lucky days, journeys, that treacherous friend all correctly named—  
Winthrop, Cal. Thomas M. Jennings.

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## GOSSIP.

Mr. Park:—I wish to tell your many readers of my success with house plants, and urge more to try choice flowers. Why fill up your windows and spend your time on any kind of a plant, just so it has leaves, when you can have Primroses, Begonias and Cyclamens, just as easy, and have blooming plants all winter. My Primroses and Begonias and Cyclamens began to bloom in November, and were never without flowers until the next June, some longer. Some bloomed themselves to death, and the cost of each was but three cents per packet. **Mrs. A. Flick.**

Centre Co., Pa., Oct. 10, 1905.

# 43 FLOWERS 30¢

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**20 Pkts. Seeds**

1 pkt. Mary Sample Asters, 4 col's	1 pkt. Giant Verbena, mixed
" Alyssum, Little Gem, mixed	" Umbrella Plant
" Diamond Flower	" Double Chinese Pink
" Heliotrope, mixed	" California Sweet Peas
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**23 Bulbs**

1 New Begonia "Splendens"; 1 Summer Flowering Hyacinth; 1 Double Pearl Tuberoses; 2 Butterfly and 2 Hybrid Gladioli; 2 Blue Mixed Onions; 2 "Fair Maids of France"; 2 Hardy Wind Flowers; 2 Lovely Cinnamon Vines; 2 Splendid New Canaan Lilies—1 Pink; 1 "Novelty."

Above 43 flowers worth \$1.25; return check worth 25c. on first \$1 order; and our New Illustrated Floral Guide about \$1.00. Roses and 400 other choice flowers all postpaid, only 30c. Order to-day.

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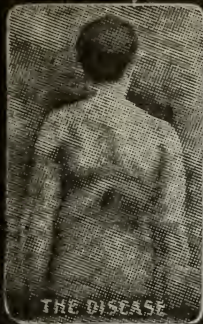
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It combines the good points of the old style braces, but eliminates the objectionable features.

The Appliance is made to individual measurements to meet the requirements of each patient and is guaranteed to fit perfectly.

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"Floral Life" is the only strictly floral magazine in America whose owners are not financially interested in the plant and seed trade. It is the only one, therefore, edited and published on an independent basis. Its articles are practical—always written by persons of experience to help the amateur who wishes to know HOW TO GROW FLOWERS. It is printed on fine paper and beautifully illustrated.



The regular price of "Floral Life" is 50 cents a year and 25,000 people say it's worth the money. Order now and you can have it a year for 25 cents, or three months for 10 cents.

"Floral Life" is the only strictly floral magazine in America which carries no patent medicine or other advertising of a doubtful character. It can be taken in the most refined home—its publishers resent as an insult to flower lovers the belief that they will not support a high-class magazine free from disgusting advertising. Naturally, such a magazine costs more than one which accepts all kinds of ads.

THE YOUNG & BENNETT CO., Publishers "Floral Life," Box 22, Springfield, Ohio.

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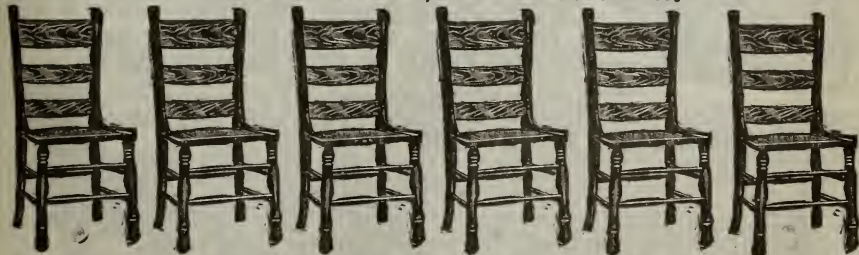
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Begonia

Gloxinia

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We send you this grand collection of SEEDS and BULBS for less than the cost of packing and postage, that all may have an opportunity to plant our SUPERIOR STOCK and become one of our yearly customers.

**20 Pkts.** 4 pkts. Pansy, Red, White, Blue, Striped  
**Seeds** 3 pkts. Carnation, Red, White, Variegated

3 pkts. Sweet Peas 1 pkt. Tree Aster  
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1 pkt. Sweet Violets, Hardy 1 pkt. Gladiolus, Hardy  
1 pkt. Petunia, Fringed 1 pkt. Chrysanthemum, Double  
1 pkt. Brilliant Morning Glories 1 pkt. Orchid Flower  
1 pkt. Salvia; Red, White, Blue 1 pkt. Verbena, Sweet Scented

**20 Bulbs** 1 Begonia, 1 Gloxinia, 1 Hardy Lily, 1 Poppy Anemone, 2 Gladiolus, 2 Hardy Climbers, 1 Tuberosa, and 11 other Bulbs for the garden, such as Callas, Amaryllis, Montbretia, etc.

The above 20 PKTS. OF SEEDS, 20 BULBS, our new color plated catalogue and a FREE RETURN CHECK giving you your money back, will be sent you by return mail for 25c

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Return this with 50 one-cent stamps and I will mail you a Dollar of Wolcott's Pain Paint powder, with full directions to make sixty 25-cent bottles. Pain Paint stops pain instantly; removes Headache, Toothache, Neuralgia, in one minute; cools faster than ice; burns will not blister. A spoonful taken four times a day kills Dyspepsia. Sold 40 years by agents. **Dr. L. WOLCOTT, Wolcott Building, New York.**

# BIG STEEL RANGE, \$8.75

FOR ONLY \$8.75 we furnish a BIG, NEW, 1906 STYLE STEEL RANGE; \$12.75 for the same range, complete with high warming closet and lined reservoir. A large illustration and complete description of this WONDERFUL STEEL RANGE BARGAIN is shown in our NEW FREE STOVE CATALOGUE. WRITE FOR IT. OUR ACME TRIUMPH STEEL RANGE, complete with finest oven thermometer, exactly as illustrated hereon, is the highest grade range made in the world, and on it we make a WONDERFUL FREE OFFER. We will place this beautiful range in your own home on thirty days' free trial, and if you do not find it the finest range you ever saw, it will not cost you one cent. This Great Free Trial Offer Range is shown in our FREE Stove Catalogue. In our big Newark, Ohio, stove foundry, the largest in the world, we make 100 a day of this high grade steel range, and our price now will surprise you; it is about one-half what all others ask for a fine steel range. We also make an immense variety of every kind and style of stove, the finest, big cast iron and steel ranges, cast iron and steel cook stoves, any kind for any purpose to burn any fuel, and all sold for just a trifle more than bare cost of material and labor, very much less than any dealer pays at wholesale, for much less than any other manufacturer has ever offered, by far the most astonishingly low prices ever heard of, and everything is shown in our big FREE Stove Catalogue. The Free Stove Catalogue explains our new terms, the most liberal ever offered, our pay after received plan, our splendid free trial plan, wonderful offers and inducements, marvelously low prices, such prices as surprise even us when we compare them with the prices asked by other dealers; SUCH PRICES AS WILL ASTONISH YOU.



## YOU GET THIS BIG HANDSOME MORRIS CHAIR FREE IF YOU BUY FROM US.

If you write for our Big Free Stove Catalogue you will also get our offer of this big full sized, hand carved, claw foot lion's head arms, well spring seat and back cushion Morris Chair absolutely free to you. CUSHIONS BEAUTIFULLY UPHOLSTERED AND ADJUSTABLE. A MOST WONDERFUL OFFER.

**CAN YOU USE A STOVE OF ANY KIND,** if the price is low enough, the offer liberal enough, the extra inducements like the free Morris chair strong enough? Could you use a good cook stove for \$2.69? Write for our Free Stove Catalogue and see the stove we offer for only \$2.69. Don't fail to write for our new wonderful stove catalogue, with all our new offers, inducements and prices if you can make any use of a new stove. Send us a letter or a postal card and say, "Send me your new Free Stove Catalogue" and you will get everything we have here told you about. The complete stove book, all the low prices, all the offers, the free Morris chair proposition, descriptions and pictures of all the stoves and ranges, everything by return mail, absolutely free and postpaid. Do it at once, please. Write us now. Say, "Send me your new Free Stove Catalogue" and you will get everything. Don't miss this stove offer, it is different and so much better than anything you ever heard of. Write for the Free Stove Catalogue this minute. Address, **SEARS, ROEBUCK & CO., CHICAGO, ILL.**



## CORRESPONDENCE.

Mr. Park:—I had the prettiest Chinese Pinks this year from your seeds, costing only three cents. I thinned out the plants where they were too thick, and transplanted them. Altogether I had a nice bed of them, some of the finest I ever saw, the colors so rich, and the intricate markings so delicately penciled, no artist could copy them. Some say "Oh yes, they are pretty, but they have no perfume." I have a bed of old-fashioned Clove Pinks, and a few of these in a bouquet of Dianthus make it as fragrant as the finest Carnations. Susan Tucker.

Spokane Co., Wash., Nov. 6, 1905.

## EXCHANGES.

75 var. Roses, Geraniums, etc., for Begonias and Violets. Addie McKnight, Newbern, Tenn., R. 5. B. 60. Canna Musafolia for Austria or Burbank. Mrs. Ada Stewart, Garden City, Minn.

Seeds of Golden Arbor Vitae for bulbs or plants. Mrs. H. C. Ferris, Bellville, Tex.

Celestial Sugar Figs for tropical plants and flowers. Mrs. Fannie E. Wetzel, Santa Rosa, Cal., R. F. D. 1.

Smilax and Oleanders for Begonias and Rainbow Cactus. Mrs. W. E. Sayle, Commerce, Texas.

Sweet Williams and Dianthus for Lilies except Tiger. Mrs. L. A. Moore, 1530—8th St., Boulder, Ohio.

Cacti and Blue Iris for Double Dahlias and Cyclamen. Mrs. A. D. Guderian, Chilton, Tex., R. F. D. 3, Box 11.

Cyclamen seeds and Gladiolus for Lilium Auratum or Lilium rubrum. Mrs. Josie Franks, Montpelier, O.

White Narcissus for Hardy Phlox and Lemon Lily. Write. Mrs. C. L. Stevens, Rockland, Mass., Box 84.

Yellow, red or pink Dahlia bulbs for Tuberosa Begonia or Tulip bulbs. Sarah Smith, Newark, N. Y.

Dahlias, Lilies and Cacti for Calycanthus and Columbine. Mary E. Hakes, Hawleyville, Iowa.

Native Ferns and Wild Flowers of Wash. for Roses or Cactus. Mabel Hopkins, Kosmos, Wash.

Bulbs of Amaryllis Johnsonii for Amaryllis other colors. R. A. Rennie, McKees Rocks, Pa., 47 Highland Ave.

Sweet Violets and Cannas for Ivy Geranium and Gladiolus. Mrs. T. N. Woody, Highfalls, N. C.



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by taking subscriptions among your neighbors and friends for the **Woman's Farm Journal.** It is a great little paper and only 10 cents a year. Almost every person you show it to, will pay 10 cents a year for it. You don't need any capital. Don't need to invest a cent. Just send us your full name and postoffice address plainly written and we will send you full particulars and outfit **FREE.**

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will be given for the twenty largest lists sent in between now and May 31st, 1906. This \$1,000.00 will be given in addition to the regular commission, so that you are sure to get the regular commission, and have as good a chance as any one else to get one of the extra cash awards. Don't put it off, but write today. A postal will do.

Address **A. Y. THOMPSON, Manager, The Woman's Farm Journal, St. Louis, Mo.**

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**FREE** Send 2c. stamp with birth date for a pen picture of your life from the cradle to the grave as revealed by astrology. All matters of business, love, marriage and health, plainly told by the world's greatest Astrologer. Patrons astonished and satisfied with my true predictions. **PROF. B. K. ASTRO, Box 869, Philadelphia, Pa.**

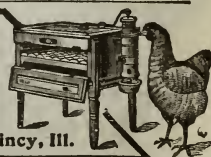
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**200 Egg**  
**INCUBATOR**

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This will entitle any one troubled with

## PILES

to receive, by return mail. Dr. Van Vleck's wonderful 3-Fold Treatment, which is curing so many cases considered incurable. And all the milder attacks, and New Book, No. 491 (all in plain wrapper) on approval. Just cut out this free coupon, sign plainly and mail to DR. VAN VLECK CO. - Jackson, Mich.

I will use above treatment, which I have never tried.

Name.....

Address.....

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We will place the Economy in your home for a sixty-day free trial and test, and if you don't find it the closest skimming, easiest running, easiest cleaning, greatest capacity separator, in every way the very best separator made, the trial won't cost you one cent. This great free trial offer is shown in our Free Cream Separator Catalogue. Write us a letter or a postal today and say, "Send me your Free Cream Separator Catalogue," and the complete book, showing large illustrations and descriptions of our entire line of cream separators, our astonishingly low prices, our sixty days' free trial offer, liberal terms of payment, our \$1,000,000 challenge to all other separator manufacturers, wonderful information on the advantages of a cream separator, everything will go to you by return mail, free and postpaid. You will also get our MARVELOUS OFFER of

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10 beautiful pictures, 5 1/2 x 8, suitable for framing or school work. Your name and address brings them. You lose nothing. Sell at 5 cents each and return 25 cents. Unsold pictures may be returned.

American Picture Co., Canaan, Conn.

## LITTLE CHARLEY.

The birds have flown away,  
The flowers are dead and gone,  
The clouds look cold and gray,  
Around the setting sun.

Upon his father's knee,  
Was Charley's happy place,  
And very thoughtfully  
He looked up in his face.

And these his simple words:  
"Father, how cold it blows!  
And where are all the birds  
Amid the storm and snows."

"They fly far, far away,  
From storm, and snow, and rain;  
But, Charley dear, next May,  
They'll all come back again."

"And will my flowers come, too?"  
The little fellow said,  
"And all be bright and new,  
That now looks cold and dead."

"O yes, dear, in the spring,  
The flowers will all revive,  
The birds return and sing,  
And all be made alive."

"Who shows the birds the way,  
Father, that they must go?  
And brings them back in May,  
When there is no more snow?"

"And when no flower is seen  
Upon the hill and plain,  
Who'll make it all so green,  
And bring the flowers again?"

"My son, there is a Power  
That none of us can see,  
Takes care of every flower,  
Gives life to every tree."

"He, through the pathless air,  
Shows little birds the way;  
And we, too, are his care,  
He guards us day by day."

Seneca Co., Ohio.

Wm. Allingham.

## \$1 BOTTLE OF A FREE HEART REMEDY

Cardiani is a Harmless Homeopathic Heart Healer, whose virtue in chronic stubborn cases has the testimony of hundreds of honorable men and women. If you are a sufferer we will make you an absolute and unconditional present of a \$1 bottle and prepay the postage if you will take it. There are two full weeks' treatment in the bottle. We believe this one bottle will do you more good than all the medicine you have heretofore taken. There are no conditions connected with this offer, and if we can't prove our medicine is an *actual* cure we don't want to sell you one penny's worth. Address

**CARDIANA CHEMICAL CO., Inc.,**  
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## 50 BULBS

25 Cents.  
Will grow in the house or out of doors. Hyacinths, Tulips, Gladioli, Crocus, Fuchsias, Oxalis, Tuberoses, Begonia, Jonquils, Daffodils, Chinese Lily, Dewey Lily, Gloxinia, Lilies of the Valley—all postpaid, 25c. in stamps or coin. As a premium with these Bulbs we will send FREE a big collection of flower seeds—over 200 kinds.



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By mail postpaid. Price, \$50 No pay required in advance. Cures Rheumatism, Weak and lame back, and other diseases. Address: E. J. Smead, Dept. 45 Vineland, N. J.



## IN SPRING.

Where, O where shall we build our nest,  
Dear little wife, which spot is best?  
Here by the Fern, or there by the stone,  
Shall we rear for our birdlings their sylvan throne.

Alice May Douglas.  
Sagadahoc Co., Me., Oct. 16, 1905.

## CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl eleven years old. I love flowers very much so I have them on my writing paper. I am going to have a garden this year.

Wash. Co., R. I.

Dear Mr. Park:—I am eleven years old, and like flowers very much. My mamma had a greenhouse, and had her flowers in it, but the rats killed them.

Massac Co., Ill.

## "SKINEASE" REMOVES WRINKLES



Dainty little medicated strips of "SKINEASE" placed over the wrinkles at night and you see a difference in the morning. Wrinkles are not natural, but due to contracted muscles alone. "SKINEASE" rests the muscles by holding them at their proper tension until restored. The effect is wonderful, MAKING THE FACE 10 YEARS YOUNGER IN A NIGHT. Full size package 50c. To convince you that it will absolutely remove wrinkles and skin furrows, I will send a trial package for 20 cents.

MARIE S. DEGRUCHY, 6980 Delmar Ave., St. Louis, Mo.

## DON'T DROP DEAD



AS hundreds are doing who either do not know that they have heart disease or are not aware of the great merits of Dr. Kinsman's Heart Tablets. If you have any of the following symptoms, write at once to the doctor, who will send to you by mail, postpaid, a box of his celebrated Tablets for trial, free of charge: Fluttering, Palpitation, Skipping Beats, Shortness of Breath, Tenderness, Numbness or Pain in left side, Dizziness, Fainting Spells, Spots before the eyes, Sudden Starting in sleep, Nightmare, Hungry or Weak Spells, Oppressed Feeling in chest, Choking Sensation in throat, Painful to lie on left side, Cold hands or feet, Difficult Breathing, Dropsy, Swelling of feet or ankles, Neuralgia around heart. Address Dr. F. G. Kinsman, Box 977, Augusta, Maine

## EARN AND CHAIN

An American movement watch, stem wind and set, beautifully engraved SOLID GOLD PLATE CASE, equal in appearance to a SOLID GOLD WATCH warranted 25 years. Warranted to keep correct time. Also a SOLID GOLD LAID CHAIN, GIVEN FREE for selling 20 pieces of our handsome jewelry at 10 cents each. Order 20 pieces. Sent postpaid; when sold, send us \$2 and we will positively send you the WATCH AND CHAIN. Write today.

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and want you to have the same opportunity. The work is very pleasant and will pay you handsomely for even your spare time. I speak from experience, as I have often made \$10 in a single day. This is no deception. I want no money and will gladly send full particulars FREE to all. If YOU are interested write me at once.

Address Mrs. W. W. MITCHELL, Box 384, PORTLAND, MAINE.

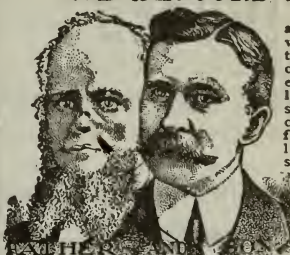
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CATALOG FREE W. SMITH GRUBBER CO. LACROSSE, WIS. U.S.A.

AGENTS WANTED Sell 11 bottle Sarsaparilla for 35c; best seller; 200 per cent profit. Write today for terms. F. R. Greese, 115 Lake St., Chicago

## The sad story of MY FATHER'S GREAT SUFFERING FROM CANCER

Read the following and be convinced WE CAN CURE YOU.



Forty-five years ago my father who was himself a doctor, had a vicious cancer that was eating away his life. The best physicians in America could do nothing for him. After nine long years of awful suffering, and after the cancer had totally eaten his nose and portions of his face (as shown in his picture here given) his palate was entirely destroyed together with portions of his throat. Father fortunately discovered the great remedy that cured him. This was over forty years ago, and he has never suffered a day since.

This same discovery has now cured thousands who were threatened with operation and death. And to prove that this is the truth we will give their sworn statement if you will write us. Doctors, Lawyers, Mechanics, Ministers, Laboring Men, Bankers and all classes recommend this glorious life-saving discovery, and we want the whole world to benefit by it.

**HAVE YOU CANCER, Tumors, Ulcers, Abscesses, Fever Sores, Gout, Catarrh, Salt-Rheum, Rheumatism, Piles, Eczema, Scald Head or Scrofula in any form.**

We positively guarantee our great treatment, perfect satisfaction and honest service—or money refunded.

It will cost you nothing to learn the truth about this wonderful home treatment without the knife or caustic. And if you know anyone who is afflicted with any disease above mentioned, you can do them a Christian act of kindness by sending us their addresses so we can write them how easily they can be cured in their own home. This is no idle talk, we mean just what we say. We have cured others, and can cure you. Forty years experience guarantees success. Write us today; delay is dangerous. Illustrated Booklet FREE.

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Sent to any address post-paid; guaranteed to reach you in good growing condition.

### GEM ROSE COLLECTION

Burbank, deep rose.  
Cardinal, bright red.  
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Snowflake, pure white.  
Bouquet of Gold, golden yellow.

SPECIAL BARGAINS  
6 Carnations, the "Divine Flower," all colors, 25c.  
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Cleanses and beautifies the hair. Promotes a luxuriant growth. Never Fails to Restore Gray Hair to its Youthful Color. Cures scalp diseases & hair falling. 60c, and \$1.00 at Druggists

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New Method is Successful Where  
Medicines Alone Fail.

A Dollar's Worth Free to Every Sufferer



My Peptopad treatment cures stomach trouble of almost every form and stage. It regulates the bowels, relieves soreness, and strengthens the nerves of the stomach. It conquers **Dyspepsia, Indigestion, Sour Stomach, Distress** after eating, **Nervousness, Catarrh of the Stomach, Heart Fluttering, Sick Headache**, etc., promptly and unfailingly. You can eat what you want and all you want without fear of distress. Peptopads, being an external remedy, produce no reaction or drug effect and are worn without inconvenience. They contain no opiates and will not create a drug habit. This method of treatment cures the most obstinate cases in a common sense way, which is fully explained in a valuable booklet sent with the free treatment. If you suffer from any form of Stomach or Bowel trouble, and will send 10c to cover mailing expenses, I will forward you absolutely **FREE** a dollar's worth of my celebrated treatment. Do not suffer another day, for I can cure you. Send NOW.

DR. G. C. YOUNG, 54 People's Bank Bldg., Jackson, Mich.

**ALFALFARINE FLESH FOOD**  
makes healthy tissue—not flabby fat; aids assimilation and makes one's eating count. A rational help that is fully described in a little folder you ought to read.

Write for it. THE ALFALFA COMPANY, Desk 11, Wichita, Kansas.

## QUESTION.

Mexican Lily.—How shall I care for a Mexican Lily.—C. B. S., O.

Aster Blight.—Give cause and remedy for blighting of Asters.—Mrs. O., Clinton Co., N. Y.

Red Lily.—What shall I do to make my Red Lily bloom. I have had it two years.—Julia H. V., Blair Co., Pa.

Geraniums.—My seedling Geraniums are turning yellow and losing their leaves. Give cause and remedy.—Mrs. C. B. F., Okla.

Roses in Montana.—Why will double Roses not grow in Montana. The single wild ones do well, growing everywhere.—Mrs. Moore, Mont.

Geraniums.—Why do my Geraniums always go to leaves and quit blooming when I get them. The buds turn yellow and die.—Mrs. B., Okla.

Scotch Heather.—Will anyone who knows how to treat Scotch Heather give cultural hints? It blooms when only a few inches high.—Mrs. S., Lack. Co., Pa.

Geraniums.—My Geraniums are not doing well, although I have given them good care. Perhaps I am killing them with kindness. How shall I treat them.—Mrs. L. E. V., Okla.

Grasshoppers.—What will destroy Grasshoppers? I tried sulpho-tobacco soap, but as we had so much rain here it did not seem to do any good, and they destroyed many of my flowers.—Mrs. E. H. A., W. Va.

Non-blooming Plants.—My Heliotropes are thrifty vines, but do not bloom; also my Manettia bicolor climbs over a trellis, but bears no flowers. What shall I do to make them bloom.—Mrs. Belle Smith, Lauderdale, Co., Miss., Aug. 30, 1905.

## To Women Who Dread Motherhood!

**Information How They May Give Birth to Happy, Healthy Children Absolutely Without Pain—Sent Free.**

No woman need any longer dread the pains of childbirth, or remain childless. Dr. J. H. Dye has devoted his life to relieving the sorrows of women. He has proved that all pain at childbirth may be entirely banished, and he will gladly tell you how it may be done absolutely free of charge. Send your name and address to Dr. J. H. Dye, 104 Lewis Block, Buffalo, N. Y., and he will send you, postpaid, his wonderful book which tells how to give birth to happy, healthy children, absolutely without pain; also how to cure sterility. Do not delay but write to-day.

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YOU MAY TEST IT FREE.



Mrs. L. E. Brently of Bardwell, Ky., writes:—"I am happy to tell you that my goitre is entirely cured and that I am in better health every way than for years. You have a wonderful treatments Doctor, and I am recommending it to all my afflicted friends."

I have cured scores of goitres after all other treatment had failed to give even relief, and am so sure I can cure any case no matter of how long standing that I will send a full \$2.50 treatment free as a test to any sufferer.

Many have been cured by this test treatment alone. Why not try it yourself—it may cure you. It is free. Address Dr. W. Thompson Bobo, 47, Minty Block, Battle Creek Mich.

**YOUR FORTUNE TOLD FREE**  
Send two cent stamp with birth date and I will send you a pen picture of your life from the cradle to the grave. All matters of business, love, marriage and health, plainly told by the greatest Astrologer living. Patrons astonished and satisfied.  
PROF. LEO AMZI, Dept. 70, BRIDGEPORT, CONN.



## CHILDREN'S CORNER.

Dear Mr. Park:—I am a little floral girl twelve years old. I take music lessons. I go to school when I am able, but I am sick most of my time, although I am big and fat as a piggy, and don't look sick at all. Amy Maud Juttie.

Union Co., Ind.

Dear Editor:—I am a little boy eight years old and am very fond of flowers. I help my mamma every summer with her flowers. We live in the Big Horn Basin and have to irrigate our flowers. Some flowers grow in red dirt here. The Rock Roses are in bud on the Ohimney Rock; when mamma writes you again this summer I will send you a pressed Rock Rose. Clarence Jenks.

Big Horn Co., Wyo.

Dear Mr. Park:—I am a little girl of eleven. I have one sister younger than I. We have several pets, a squirrel, two birds, and a white rabbit. The birds can sing pretty; one of them sung a song nearly every day last week. I like music and can play the piano. I also have a violin and my sister has a guitar. I love flowers. I have not any special favorite. I love them all.

Todd Co., Ky.

Daisy Ethel Grace.

Dear Mr. Park:—I am a little girl nine years old. Mamma keeps your Magazine and likes it very well. I am the youngest of the family. I have no pets now. I had two banties but they both died in a snow storm last winter. We have quite a few flowers; we have a Christmas Cactus that has twenty-three flowers and lots of buds. It's eight years old, and is so big that a bushel basket cannot cover it. Hilda A. Grinwald.

Pierce Co., Neb., Jan. 8, 1906.

# I Cure Women

## OF FEMALE DISEASES AND PILES

I Will Cure You So That You Should Stay Cured—Women No Longer Need Submit to Embarrassing Examinations and Big Doctor Bills.

To Show Good Faith and to Prove to You That I Can Cure You I Will Send Free a Package of My Remedy to Every Sufferer.



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